

# NOAA Technical Memorandum NMFS



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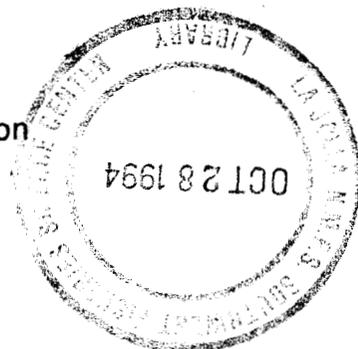
## RESULTS OF THE MEXICAN SPORTFISH ECONOMIC SURVEY

Cynthia J. Thomson

Santiago I. Gomez

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U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Marine Fisheries Service  
Southwest Fisheries Science Center



## **NOAA Technical Memorandum NMFS**

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## NOAA Technical Memorandum NMFS

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Cynthia J. Thomson<sup>1</sup>  
Santiago I. Gomez<sup>2</sup>

<sup>1</sup>La Jolla Laboratory, SWFSC  
National Marine Fisheries Service, NOAA  
P.O. Box 271  
La Jolla, California 92038-0271

<sup>2</sup>Government of Mexico  
Department of Fisheries  
2550 Fifth Avenue, Suite 101  
San Diego, California 92103

NOAA-TM-NMFS-SWFSC-173

## U.S. DEPARTMENT OF COMMERCE

Barbara H. Franklin, Secretary

## National Oceanic and Atmospheric Administration

John A. Knauss, Under Secretary for Oceans and Atmosphere

## National Marine Fisheries Service

William W. Fox, Jr., Assistant Administrator for Fisheries

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**E.0 Executive Summary**  
**E.1 Background**

The Mexican Sportfish Economic Survey is the first comprehensive survey of U.S. anglers who fish in Mexican territorial waters in the Pacific Ocean and Gulf of California (Sea of Cortez). The purpose of the survey was to obtain baseline information on boat-based fishing activity, harvest by species, fishing expenditures, angler demographics and fishing patterns of angling households during 1991. The survey was conducted during 1991 and early 1992 by the Government of Mexico, Department of Fisheries, San Diego, California with technical assistance from the National Marine Fisheries Service, Southwest Fisheries Science Center, La Jolla, California. Potential survey respondents were drawn from license application files maintained by the Mexican Department of Fisheries (MDF).

Information was elicited from respondents via three versions of a mail survey instrument. Each version contained similar questions regarding the respondent's overall fishing activity in the previous year and household demographics. Each version also contained detailed questions about the respondent's most recent fishing trip. However, the detailed trip questions varied among the three versions of the questionnaire, depending on whether we were asking the respondent about his or her most recent 1) one-day/overnight trip aboard a commercial passenger fishing vessel (CPFV)<sup>1</sup>, 2) multi-day CPFV trip or 3) non-CPFV boat trip. Version 1 of the questionnaire was sent to individuals drawn from MDF files who obtained a one-day CPFV license, Version 2 to individuals who obtained a multi-day CPFV license and Version 3 to individuals who obtained a weekly, monthly or annual angler license or an annual private boat license.

The mailing list for the survey was obtained via a systematic sampling procedure, whereby every fortieth passenger on one-day CPFV trips, every fifth passenger on multi-day CPFV trips and every fifth non-CPFV license application was sampled. This procedure was applied to all license applications received at the MDF San Diego office during 1991. The mailings took place at regular intervals throughout the year as license applications were received. New additions to the mailing list were compared to previous mailings to

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<sup>1</sup> Commercial passenger fishing vessels transport paying passengers between San Diego ports and fishing grounds in Mexico. They provide bait, food and beverages, gear rental, fish cleaning and other services and are generally operated by a skipper with marine sportfishing expertise.

ensure that no individual appeared on the mailing list more than once. Potential respondents who did not reply within two months of the initial mailing of the questionnaire were sent a reminder letter and duplicate questionnaire.

Of the 4,567 questionnaires originally mailed, 170 were returned as undeliverable and 1,879 were not returned. The 2,518 questionnaires that were completed and returned included 608 one-day CPFV questionnaires, 1,161 multi-day CPFV questionnaires and 749 non-CPFV questionnaires. The response rates for the three questionnaires were 47%, 60% and 65% respectively.

Estimates of aggregate fishing effort, catch and expenditures contained in this report are based on extrapolations from our sample to the population of license holders in 1991. These extrapolations likely underestimate effort, catch and expenditures in a "typical" year for the following reasons: 1) some individuals may engage in boat-based fishing activities in Mexican waters without a license; and 2) the annual number of licenses issued was significantly lower than average in 1991.

## **E.2 Results**

About 44,673 U.S. anglers from 27,812 angling households fished from boats in Mexican waters during 1991. Slightly more than one-half of these households and anglers fished exclusively from CPFV's, while the rest fished in either non-CPFV modes only or both CPFV and non-CPFV modes. A total of 102,435 household trips (146,577 angler trips) were made. About 43% of total trips were one-day/overnight CPFV trips, 19% were trips aboard private boats launched from the U.S. and 18% were trips aboard private boats cartop-carried or trailered from the U.S. to Mexico. An additional 8% were multi-day CPFV trips, 8% were trips aboard pangas/cruisers<sup>2</sup> and 4% were trips aboard private boats owned by Americans but moored in Mexico.

Many questions in the survey dealt with the "key angler" in the household, that is, the household member who made the most fishing trips to Mexican waters in the previous year. Key anglers possessed a distinctive demographic profile. About 95% were male. About 86% were non-Hispanic White, with most of the remainder about evenly split between Asians and Hispanics. Over 38% had a four-year college degree. Median household income was \$50,000-\$60,000 per year. About one-half of the key anglers were employed in a

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<sup>2</sup> Pangas are outboard powered skiffs and cruisers are larger powered vessels, both of which are chartered in Mexico with a Mexican guide.

managerial or professional position and an additional 19% were retired. The key angler was, on average, 46 years of age, had 22 years of saltwater fishing experience and began fishing in Mexican waters at the age of 31 years. About 40% claimed to have a greater than intermediate level of fishing skill, while only 20% claimed a less than intermediate level of skill.

The key angler appeared to set the household's fishing patterns. Although he/she sometimes fished without other household members, other members seldom fished without the key angler. Only about 5% of the key anglers in our sample indicated that other household members had fished in Mexican waters without them in the previous year.

One-day/overnight and multi-day CPFV trips can be characterized as follows:

1) Over one-half of one-day CPFV trips were made aboard chartered vessels, while the remaining half were approximately evenly split between open boats and open boats with limited load. Multi-day CPFV trips were made largely aboard open boats with limited load or chartered boats.

2) Although San Diego is the launching area for virtually all CPFV trips to Mexican waters, only 32% of one-day CPFV trips and 15% of multi-day CPFV trips were made by San Diego residents. The vast majority of non-residents who made CPFV trips came to San Diego for the purpose of fishing.

3) The composition of the fishing party (defined here as individuals who were personally acquainted with each other prior to the trip) varied somewhat between one-day and multi-day CPFV trips. About 60% of one-day trips were made in the company of non-household members only; the remaining 40% were approximately equally distributed among trips where the respondent went alone, went with other household members, or went with both household and non-household members. About 60% of multi-day trips were made in the company of non-household members and 23% were made by the respondent fishing alone; the remaining 17% were about equally divided between trips made with other household members only and trips made with both household and non-household members.

4) Defining members of the fishing party as individuals who were personally acquainted with each other prior to the trip, the average size of the fishing party was 7.2 persons for one-day CPFV trips and 5.1 persons for multi-day CPFV trips. The trips reflected in these averages ran the gamut from one-person fishing

parties (e.g., an angler fishing aboard an open boat with "strangers") to trips where the fishing party consisted of everyone aboard the boat (e.g., chartered boat trips).

5) Fishing parties comprised solely of household members tended to be smaller in size and more likely to include females and individuals 18 years of age and younger. In general, however, adult males comprised over 90% of the members of the average CPFV fishing party.

Non-CPFV boat trips can be characterized as follows:

1) Defining a fishing trip as beginning when the angler leaves his/her home in the U.S. and ending when the angler returns to the U.S., average trip length was 9.3 days for pangas/cruisers, 12.8 days for private boats launched in the U.S. and 17.6 days for private boats cartop-carried or trailered to Mexico. Trips involving private boats moored in Mexico were considerably longer (49.5 days); these trips frequently involved Americans who reside part-time in Mexico. The proportion of days per trip on which fishing actually occurs was over 45% for pangas/cruisers and cartop-carried/trailered boats, 34% for private boats launched in the U.S. and 22% for private boats moored in Mexico.

2) Fishing was the main purpose of over three-fourths of all trips to Mexico involving pangas/cruisers, cartop-carried/trailered boats and private boats launched in the U.S. Fishing was the main purpose for a significantly smaller proportion (45%) of trips involving private boats moored in Mexico.

3) For trips involving private boats launched in the U.S. or moored in Mexico, virtually all of the fishing occurred from the boat. For trips involving pangas/cruisers or cartop-carried/trailered boats, a significant proportion of trips (29%-33%) involved fishing from shore as well as from the boat.

4) The proportion of trips where fishing occurred largely within three miles of shore was 25% for private boats launched in the U.S., 44%-48% for pangas/cruisers and private boats moored in Mexico, and 69% for cartop-carried/trailered boats.

5) The proportion of trips made in the company of non-household members only was 38% for private boats moored in Mexico, 43% for cartop-carried/trailered boats, 50% for private boats launched in the U.S. and 58% for pangas/cruisers. An additional 6%-11% of trips in each mode were made by the key angler fishing alone. The

remaining trips were about evenly split between trips where the key angler was accompanied by household members only or by both household and non-household members.

6) For trips in all four non-CPFV modes, the average size of the fishing party was 3.2 to 3.5 persons. On average, 93%-98% of the fishing party were at least 18 years of age, 77%-83% were male and 91%-93% fished during the trip.

About 820,912 fish were caught in Mexican waters in 1991 by boat-based U.S. anglers. Cabrilla, rockfish, yellowfin and other tunas, bonito/barracuda/bass, dorado and yellowtail together accounted for over 60% of total harvest. About 42% of total catch was made from cartop-carried/trailerred boats, 29% from CPFV's on one-day trips, 9% each from CPFV's on multi-day trips, private boats launched in the U.S. and pangas/cruisers, and 3% from private boats moored in Mexico.

About 285,751 (35%) of the 820,912 fish caught in 1991 were subsequently released. The release rate tended to be lower for one-day CPFV, multi-day CPFV and panga/cruiser trips (22%-28%) than for cartop-carried/trailerred boat trips and trips from private boats launched in the U.S. or moored in Mexico (36%-44%). Release rates also varied by species, ranging from a high of 65%-70% for marlin, sailfish and roosterfish to below 25% for more commonly caught species like yellowfin, other tunas, yellowtail and rockfish.

The contribution of each species to total harvest was not necessarily correlated with the proportion of total trips targeted at the species. For example, while yellowtail and tunas were the major target species on one-day CPFV trips, the harvest in that mode was dominated by rockfish and bonito/barracuda/bass. In contrast, for trips aboard private boats launched from the U.S., yellowfin and other tunas, yellowtail and dorado were both major target species and major components of harvest.

Expenditures for trips in all modes totalled \$79.0 million in 1991. About \$18.9 million (24%) of these expenditures were generated by trips aboard cartop-carried/trailerred boats and \$16.0 million (20%) by trips from private boats launched in the U.S. One-day CPFV, multi-day CPFV and panga/cruiser trips contributed \$13.9 million (18%), \$11.6 million (15%) and \$11.3 million (14%) respectively. Trips aboard private boats moored in Mexico contributed about \$7.3 million (9%) of total expenditures. These expenditure estimates include airfare, car rental, gasoline, Mexican car insurance, lodging, food and beverages, fishing gear and tackle, CPFV and panga/cruiser fees, bait, licenses, tips, and fish preparation (e.g., canning, filleting, smoking, packaging, freezing, shipping, mounting).

## **1.0 Introduction**

The Mexican Sportfish Economic Survey is the first comprehensive survey of U.S. anglers who fish in Mexican territorial waters in the Pacific Ocean and Gulf of California (Sea of Cortez). The purpose of the survey was to obtain baseline information on boat-based fishing activity, harvest by species, fishing expenditures, angler demographics and fishing patterns of angling households during 1991. The survey was conducted during 1991 and early 1992 by the Government of Mexico, Department of Fisheries, San Diego, California with technical assistance from the National Marine Fisheries Service, Southwest Fisheries Science Center, La Jolla, California. Potential survey respondents were drawn from license application files maintained by the Mexican Department of Fisheries (MDF).

Section 2.0 of this report describes licensing procedures and regulations and compares numbers of licenses issued in 1991 (the survey year) with the average numbers issued in 1988-1990. Section 3.0 describes the design of the survey instruments, the sampling protocol and the number of questionnaires mailed and returned. Section 4.0 provides background information pertinent to the interpretation of survey results. Section 5.0 summarizes the results of the survey. Section 6.0 contains information on comments provided by anglers in response to the question: "Do you have any comments regarding this questionnaire or your fishing experiences in Mexico?"

## **2.0 Licensing System**

### **2.1 Regulations**

The Mexican Department of Fisheries requires licenses for individuals who participate in boat-based recreational fishing in Mexican waters.<sup>3</sup> This section provides information on the license regulations and procedures in effect during 1991 that served as the framework for the survey.

Licenses can be categorized into two general types:

#### 1) Individual Licenses

a) "Daily" licenses are required for all individuals who take trips aboard commercial passenger

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<sup>3</sup> A license is not required to engage in shore-based fishing.

fishing vessels (CPFV's)<sup>4</sup> of four days or less in duration. The licenses are issued on an angler-day basis; that is, each passenger is required to obtain one daily license for each day that the vessel is in Mexican waters.

b) "Excursion" licenses are required of all passengers aboard CPFV's on trips that are greater than four days in duration. Excursion licenses are issued on an angler-trip basis, that is, one license per angler per trip.

c) All individuals who enter Mexican waters aboard pangas/cruisers<sup>5</sup> or private boats with fishing gear on board are required to be licensed, regardless of whether they fish or not. Individuals can choose from a weekly, monthly or annual license, depending on the expected duration of their activity in Mexican waters.

d) The weekly, monthly and annual licenses are valid only for non-CPFV (i.e., panga/cruiser and private boat) fishing activity. Thus all passengers aboard CPFV's must obtain a daily or excursion license, regardless of whether they also possess a weekly, monthly or annual license.

## 2) Boat Licenses

a) Individuals who bring a private boat into Mexican waters with fishing gear on board must obtain a boat license, which is valid for a one-year period. The license fee increases with the length of the boat (the categories being <23', 23' to 29'11" and ≥30'). A separate license must be obtained for each boat. For example, an individual who brings a yacht into Mexican

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<sup>4</sup> Commercial passenger fishing vessels transport paying passengers between San Diego ports and fishing grounds in Mexico. They provide bait, food and beverages, gear rental, fish cleaning and other services and are generally operated by a skipper with marine sportfishing expertise.

<sup>5</sup> Pangas are outboard powered skiffs and cruisers are larger powered boats, both of which are chartered by anglers in Mexico with the services of a Mexican guide.

waters accompanied by a dinghy must obtain two licenses, one for the yacht and one for the dinghy.

b) CPFV operators must obtain a vessel license to operate in Mexican waters. Vessel licenses are valid for periods of one month to one year, with the license fee increasing with the gross tonnage of the boat and the number of months for which the license is valid.

As will be seen in later sections of this report, the licensing requirements had a significant effect on the design of the survey and the analysis and interpretation of survey results.

## **2.2 Number of Licenses Issued in 1991**

Table 2.2-1 describes the number of individual licenses issued in 1991 by month and license type. As indicated in Section 2.1, the volume of licenses is measured in different units depending on license type. In particular, the 73,552 daily licenses reflect the number of angler days spent aboard CPFV's on trips of four days or less. The 3,970 excursion licenses reflect the number of angler trips made aboard CPFV's on trips greater than four days in length. The 9,141 weekly licenses, 1,678 monthly licenses and 16,938 annual licenses reflect the number of individual anglers who obtained licenses to fish from private boats or pangas/cruisers but do not directly reflect the level of fishing effort by these individuals.

Table 2.2-2 describes the number of boat licenses issued in 1991 by month and license type. The 6,517 private boat licenses were each valid for a period of one year, while the 257 CPFV licenses were valid for varying periods of one month to one year.

## **2.3 Comparison of Licenses Issued in 1991 and 1988-1990**

The number of licenses issued in 1991 declined relative to the average annual number issued during 1988-1990, for all but one type of license. CPFV daily and excursion licenses both fell by about 26%. Monthly and annual angler licenses declined by 10% and 19% respectively. Private boat licenses in the three length categories declined by 5%, 23% and 9% respectively, while the number of CPFV boat licenses declined by 16%. In contrast, weekly angler licenses increased by 27% in 1991 relative to 1988-1990 (Tables 2.2-1 and 2.2-2).

The unusually low number of licenses issued in 1991 has been attributed to a number of factors, including the U.S. recession and changes in MDF bag limits. Up until March 1991, MDF regulations specified a bag limit of 20 fish per angler day, with a sublimit of ten fish per angler day for any single species. In March 1991, the bag limit was reduced to ten fish per angler day. Sublimits were changed to one fish each for marlin, sailfish and swordfish, two fish each for tuna, shad, dorado, roosterfish and shark, and five

fish each for all other species. On trips with a duration of three or more days, the maximum number of fish caught could not exceed the equivalent of three days of fishing at the prevailing daily limit and sublimits. (E.g., for trips of three or more days, a bag limit of ten fish per angler day would translate to 30 fish per angler trip and a sublimit of two fish per angler day would translate to six fish per angler trip.) In June 1991, the sublimit for tuna was increased from two to five fish per angler day; all other limits and sublimits remained the same.

The number of licenses issued in each month during 1991 and the average monthly number issued during 1988-1990 are depicted in Figure 2.3-1 for daily and excursion licenses. Similar data are shown in Figure 2.3-2 for weekly, monthly and annual angler licenses. The number of daily and excursion licenses was lower during 1991 than 1988-1990 in the spring months when the two fish sublimit for tuna was in effect (Figure 2.3-1). Monthly and annual licenses exhibited a similar but more modest difference (Figure 2.3-2). In contrast, the number of weekly licenses issued during the spring months was higher during 1991 than 1988-1990 (Figure 2.3-2), suggesting that some individuals who customarily obtain monthly or annual licenses may have opted for a weekly license in 1991.

### **3.0 Survey Procedures**

#### **3.1 Design of Survey Instruments**

One-day CPFV trips, multi-day CPFV trips and non-CPFV trips were expected to differ significantly in terms of the species composition of catch, the types of expenditures relevant to the fishing activity and other factors. Because of the distinctive nature of each of these fishing activities, it was difficult to design a single questionnaire that included appropriate questions for all three types of activities that was not unduly lengthy and complicated. In order to keep the questionnaires as simple as possible and reduce the burden on respondents, we designed three versions of the questionnaire.

Each version of the questionnaire contained similar questions regarding the distribution of annual fishing activity among fishing modes and household demographics. Each version also contained detailed questions about the respondent's most recent fishing trip. However, the specifics of the trip questions varied among the three versions of the questionnaire, depending on whether we were asking the respondent about his/her most recent 1) one-day CPFV trip, 2) multi-day CPFV trip or 3) non-CPFV trip. Version 1 of the questionnaire was sent to individuals drawn from MDF files who obtained a one-day CPFV license, version 2 to individuals who obtained a multi-day CPFV license and version 3 to individuals who obtained a weekly, monthly or annual angler license and/or an annual private boat license.

Although we would have liked to have asked each respondent for detailed information about all of his/her trips in the previous year, the need to limit the complexity and length of the questionnaire meant that we were faced with a trade-off between obtaining greater detail for one or a few trips versus obtaining more limited information for a larger number of trips. We chose to focus on a single (i.e., the most recent) trip for two reasons: 1) faulty recall (leading to inaccurate and potentially biased responses) would be less of a problem if respondents were asked for information regarding their most recent trip, and 2) more detailed information could be elicited about a single trip.

Our strategy did not enable us to obtain comprehensive information about all trips made by each individual respondent. However it did enable us to develop a trip profile for each fishing mode by jointly analyzing information provided by all respondents whose most recent trip was in the same mode. By combining these trip profiles with information provided by respondents on the number of trips made in each mode in the previous year, we were able to obtain estimates of average and aggregate fishing effort, harvest and expenditures.

Each mail survey instrument consisted of a cover letter, a questionnaire and a postage-paid, pre-addressed return envelope. Also included with the multi-day CPFV and non-CPFV questionnaires was a map, which served as a visual aid enabling respondents to identify the area in which their most recent trip took place.<sup>6</sup> A copy of the one-day CPFV, multi-day CPFV and non-CPFV survey instruments are contained in Appendices A-1, A-2 and A-3; the map that was enclosed with the latter two questionnaires is included in Appendix B.

### **3.2 Sampling Protocol**

The MDF requires CPFV operators to submit a report on every trip made to Mexican waters. The report form (Appendix C-1) includes information on vessel name, dates of trip, harvest by species, etc. as well as the names and addresses of passengers. We divided the completed forms received by the MDF for all 1991 trips into two groups: one including all one-day/overnight trips and the other including all longer-range (multiple-day) trips. We then generated a mailing list for our one-day CPFV questionnaire by drawing approximately every fortieth passenger from the one-day trip reports. The mailing list for our multi-day CPFV

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<sup>6</sup> One-day CPFV respondents were not asked to identify area fished, since virtually all of one-day CPFV trips were known to occur in area 1 of the map.

questionnaire was generated by drawing approximately every fifth passenger from the multi-day trip reports.

It is important to note that the numbers of one-day and multi-day CPFV passengers (i.e., angler trips) in 1991 did not correspond exactly to the 73,552 daily and 3,970 excursion licenses issued in that year (Table 2.2-1). As indicated in Section 2.1, excursion licenses are required for all trips of greater than four days, so each excursion license corresponds to one multi-day CPFV passenger. However, since daily licenses are required for all trips of four days or less, daily license holders include both one-day and multi-day CPFV passengers. Further complicating the issue is the fact that daily licenses are issued on an angler-day rather than an angler-trip basis. Based on our tabulation of trip reports, we estimated that 59,345 one-day trips and 9,476 multi-day trips occurred aboard CPFV's in 1991. As will be seen in Section 5.0, these passenger counts were used to extrapolate our sample results to the universe of CPFV angler trips.

Applicants for weekly, monthly and annual angler licenses and private boat licenses use the same application form (Appendix C-2). Multiple individuals can apply on the same form and, while names of all license applicants are required on the form, the address of only a single applicant is required. We prepared a mailing list for our non-CPFV questionnaire using the name and address found on every fifth application form.

Our systematic sampling procedure was applied to all license applications received at the MDF San Diego office during 1991. These include applications received from: 1) individuals who applied by mail or in person directly at the San Diego office, and 2) individuals who obtained a license through reissuing agencies in the U.S. and Mexico, who then routinely forward the applications they process to the MDF's San Diego office.

Mailings took place at regular intervals throughout the year. New additions to the mailing list were compared to previous mailings to ensure that no individual appeared on the mailing list more than once. Potential respondents who did not reply within two months of the initial mailing of the questionnaire were sent a reminder letter and duplicate questionnaire.

### **3.3 Quality Control**

Following Dillman (1978), the content and format of the questionnaires were designed to minimize the burden on respondents and enhance the accuracy of the information they provided:

- 1) Considerable attention was devoted to formulating clear, concise questions and instructions. Each question was accompanied by a specific instruction (e.g., Fill in the blank; Circle one number; Circle all that apply). In

order to help the respondent visually distinguish between questions and instructions, the questions were typed in lower case and the instructions in upper case.

2) Arrows and simple instructions (e.g., Skip to Question 7) were used to direct the respondent to questions that were relevant to him/her. The skip patterns established a vertical flow to the questionnaire. Vertical skip patterns in general are desirable for two reasons: a) they are less likely to result in confusion and inadvertent omission of questions than skip patterns that require respondents to flip back and forth among pages of a questionnaire, and b) they enhance respondents' feeling of accomplishment as they move through each page of the questionnaire.

3) The questionnaires were organized so that similar questions were grouped together and brief transition paragraphs describing the next group of questions were written between groups of similar questions. The transition paragraphs served to signal the respondent of an impending change in the types of questions being asked.

4) The cover letter provides recipients with their first impression of a survey and is frequently the deciding factor in determining whether the recipient looks at the questionnaire or throws it away. We attempted to convey three important points in the cover letter: a) the importance of the survey, b) the importance of the recipient's response to the survey, and c) the confidentiality of all information provided by the respondent.

5) Each respondent was provided with a postage-paid, pre-addressed envelope in which to return the completed questionnaire.

In order to pretest each version of the questionnaire, we met with ten U.S. anglers who had prior fishing experience in Mexican waters. These individuals filled out questionnaires as if they were actual respondents. We then elicited their opinions regarding: 1) the time it took to complete the questionnaire, 2) the readability of the survey instruments, 3) the extent to which the questions accurately reflected the types of fishing activities experienced in Mexico, and 4) any ambiguities in the wording of individual questions. Minor modifications to the survey instruments were made as a result of the pretest.

### 3.4 Final Status of Mailed Questionnaires

About 6% of the one-day CPFV questionnaires and 3% of the multi-day CPFV and non-CPFV questionnaires were returned as undeliverable, either because the address did not exist or because the respondent did not live at the address. The higher proportion of undeliverables for the one-day CPFV questionnaires likely reflects the greater difficulty we experienced in reading names and addresses of one-day CPFV passengers, which were obtained from carbon copies rather than originals of the trip report forms. The number of questionnaires that were completed and returned was 608 for one-day CPFV, 1,161 for multi-day CPFV and 749 for non-CPFV, corresponding to response rates of 47%, 60% and 65% respectively (Table 3.4-1).

As indicated in Section 3.2, the mailing list for the survey was generated by drawing approximately every fortieth passenger from the one-day CPFV trip reports, every fifth passenger from the multi-day CPFV trip reports and every fifth non-CPFV license application in 1991. These particular proportions were chosen at the beginning of the survey period with the goal of attaining a target sample size of 500 each for the one-day CPFV, multi-day CPFV and non-CPFV questionnaires. These sampling rates were based on our prior predictions regarding: 1) the numbers of one-day and multi-day CPFV passenger licenses and non-CPFV angler licenses likely to be issued in 1991, and 2) the proportion of delivered questionnaires likely to be completed and returned.

Our sampling rates for the three questionnaire types (SMPLRATE<sub>i</sub>) were computed on the basis of the following formula:

$$\text{SMPLRATE}_i = \frac{500}{\text{PRED}_i * 50\%}, \quad i=1, \dots, 3 \quad [1]$$

where

500 was the target sample size for each questionnaire type,

PRED<sub>1</sub>, PRED<sub>2</sub> and PRED<sub>3</sub> were the numbers of one-day CPFV passengers, multi-day CPFV passengers and non-CPFV angler licenses predicted for 1991, and

50% was the predicted response rate for each questionnaire type.

As it turns out, we significantly exceeded the target sample size of 500 for all three questionnaire types (Table 3.4-1) because we overestimated the sampling rates necessary to achieve the target:

1) We anticipated some decline in the numbers of one-day and multi-day CPFV passengers and non-CPFV angler license applications in 1991 as a result of the U.S. recession and the more restrictive bag limits imposed by the MDF early in the year (see Section 2.3). Because of these factors and because we preferred to err by underestimating rather than overestimating the level of fishing activity, our predictions were very conservative. As it turns out, we understated actual 1991 fishing activity (particularly the number of multi-day CPFV passengers) by a significant amount. In the terminology of equation [1], our underestimates of  $PRED_i$  contributed to our overestimates of  $SMPLRATE_i$ .

2) The 47% response rate to the one-day CPFV questionnaire closely approximated the predicted response rate of 50%. However, the response rates to the multi-day CPFV and non-CPFV questionnaires were 60% and 65% respectively (Table 3.4-1), significantly exceeding our prediction of 50%. For the latter two questionnaire types, these errors in prediction also contributed to our overestimates of  $SMPLRATE_i$ .

Table 3.4-2 compares the distribution of anglers who received a questionnaire with the distribution of those who completed and returned it by county/state of residence. The results indicate that residential distributions were not significantly affected by response rates.

Table 3.4-2 also indicates that about 85% of the one-day CPFV questionnaires and 83% of the multi-day CPFV questionnaires were delivered to southern California residents. Central and northern California residents accounted for an additional 3% of one-day and 9% of multi-day questionnaires, while out-of-state residents accounted for 11% of one-day and 8% of multi-day questionnaires. About 80% of the southern California residents who received a one-day or multi-day CPFV questionnaire lived in Los Angeles, San Diego or Orange counties. Since the mailing lists for the CPFV questionnaires were systematically drawn from CPFV passenger lists, the geographic distribution of CPFV questionnaires is indicative of the distribution of CPFV passengers in 1991.

Almost one-half of the non-CPFV questionnaires were delivered to San Diego county residents and 23% were delivered to other southern California residents. Central and northern California residents accounted for 13% and out-of-state residents for 15% of non-CPFV questionnaires (Table 3.4-2). Since the mailing list for the non-CPFV questionnaire was systematically drawn from applications for weekly, monthly and annual angler licenses and private boat licenses (see Section 3.2), the geographic distribution of non-CPFV questionnaires is indicative of the distribution of individuals who held those licenses in 1991.

#### 4.0 Guidelines for Interpreting Tables

The tables in Section 5.0 include numerous statistics such as means and percentages. All statistics are accompanied by a number in parentheses, which is the sample size on which the statistic was based. Each sample size pertains only to valid responses and may vary from one statistic to another because of item nonresponse or because some questions were not applicable to all respondents.

The terms "fishing trip" and "household", as used to describe the survey results, were defined per instructions contained in the survey instruments (Appendices A-1, A-2 and A-3). In particular, respondents were instructed that

"...a fishing trip starts when you leave your home in the U.S. and ends when you return to your home in the U.S., even if fishing was only one of several leisure activities enjoyed during the trip. A trip can last for a day or for a number of days or weeks."

Respondents were also instructed to define their household as

"...you and the other persons who live with you in your house or apartment. However, if you are in the military or in school and live in group quarters, all questions should be answered only about you."

Fishing effort is described in the tables in terms of household trips and angler trips. For purposes of this report, a household trip is defined as a trip on which one or more household members participates, while the participation of each individual on each trip counts as an angler trip. For example, suppose that one household member takes a trip with friends, another household member takes a trip alone and two household members take a trip together. Then the household has made three household trips and four angler trips.

The cover letter accompanying each questionnaire requested that the questionnaire be filled out by the key angler in the household, that is, the household member who made the most fishing trips to Mexico in the previous year. The terms "key angler" and "respondent" are therefore used interchangeably in this report.

The estimates of aggregate fishing effort, catch and expenditures contained in Section 5.0 are based on extrapolations from our sample to the population of license holders in 1991. These extrapolations likely underestimate effort, catch and expenditures in a "typical" year, since: 1) some individuals may engage in boat-based fishing activities in Mexican waters without a license, and 2) license sales were significantly lower than average in 1991 (see Section 2.3).

## 5.0 Survey Results

### 5.1 Aggregate Estimates of Participation and Effort by License Type and Fishing Mode

In order to estimate aggregate participation and effort by license type and fishing mode, we grouped our sample into four mutually exclusive license categories: 1) weekly, 2) monthly, 3) annual, and 4) CPFV only.<sup>7</sup> Categories 1, 2 and 3 pertain to individuals who obtained weekly, monthly or annual angler licenses in 1991 in order to fish in one or more non-CPFV fishing modes; these individuals may or may not have also fished in CPFV mode. Category 4 anglers fished exclusively in CPFV mode and may have made one-day or multi-day CPFV trips or both during the year.

For each of the four angler categories, we estimated the average annual number of household trips per angling household in each of the following modes: 1) one-day CPFV, 2) multi-day CPFV, 3) panga/cruiser, 4) cartop-carried/trailer boat, 5) at-sea private boat, and 6) moored private boat. "Panga/cruiser" refers to outboard powered skiffs (pangas) and larger powered boats (cruisers) chartered by anglers in Mexico with the services of a Mexican fishing guide. "Cartop-carried/trailer boat" refers to inflatables, kayaks, canoes, etc. that are cartop-carried and boats that are trailered to Mexico. "At-sea private boat" refers to privately owned boats and yachts launched from a U.S. port to fish in Mexican waters. "Moored private boat" refers to private boats and yachts owned by Americans (some of whom are part-time residents of Mexico) but moored at a Mexican port.

We estimated the average annual number of household trips per angling household on the basis of the number of fishing trips reported by respondents, who were the key anglers in their respective households. The key angler's fishing activity provided a good approximation to the number of household trips made per year by the entire household, since household members made very few trips without the key angler.<sup>8</sup>

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<sup>7</sup> According to the MDF, anglers who fish in non-CPFV boat modes tend to gravitate exclusively to one type of non-CPFV angler license (weekly, monthly or annual).

<sup>8</sup> About 5.2% of weekly license holders, 6.7% of monthly license holders, 4.6% of annual license holders and 5.4% of CPFV-only license holders in our sample reported that some member of their household had fished in Mexican waters in the previous year without them.

The average number of household trips per angling household should not be confused with:

1) the average number of angler trips per angling household, which would be higher, depending on how many household members participated on each of the household trips; or

2) the average number of trips per angler, which would be lower, since the key angler by definition made more trips than anyone else in the household.

#### **5.1.1 Estimates for Weekly, Monthly and Annual License Holders**

We estimated aggregate fishing effort by weekly, monthly and annual license holders on the basis of the following assumptions: 1) each weekly and monthly license represented a single angler-trip,<sup>9</sup> and 2) all anglers in the same household obtained the same type of angler license (weekly, monthly or annual).

The average annual number of boat-based fishing trips as well as the distribution of trips among modes varied significantly among the three types of license holders. In particular, the average annual number of trips made during 1991 was 1.82 for weekly license holders, 2.28 for monthly license holders and 5.20 for annual license holders. About 77% of trips by weekly license holders and 61% of trips by monthly license holders were from pangas/cruisers and trailered boats. About 71% of trips by annual license holders were from trailered boats and at-sea private boats (Table 5.1-1).

Table 5.1-2 illustrates how our estimates of aggregate participation and effort for weekly, monthly and annual license holders were derived:

Weekly License Holders. Given the 9,141 non-CPFV angler trips represented by the 9,141 weekly licenses issued in 1991 (Table 2.2-1) and our sample estimate of 1.52 household members per household trip (Table 5.1-2), we computed the total number of non-CPFV household trips as  $6,014 = 9,141 \div 1.52$ . We estimated the total number

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<sup>9</sup> Given that the average duration of respondents' most recent fishing trip was 5.0 days for weekly license holders and 13.9 days for monthly license holders, it appears unlikely that a license holder would make two trips in the period of a single week or month.

of angling households as  $3,623 = 6,014 \div 1.66$ , where 1.66 was our sample estimate of the mean number of non-CPFV household trips per angling household (Table 5.1-1).<sup>10</sup> We then estimated the total number of household trips in each fishing mode by multiplying the total number of angling households (3,623) by the mean number of household trips in each mode (Table 5.1-1). (For example, the number of household trips from pangas/cruisers was estimated as  $2,645 = 3,623$  angling households  $\times$  0.73 annual household trips/angling household.) The total number of angler trips made in each mode was then estimated by multiplying the number of household trips in that mode by our sample estimate of the mean number of household members per household trip in that particular mode. (For example, the total number of angler trips from pangas/cruisers was estimated as  $3,375 = 2,645$  household trips  $\times$  1.275 household members per household trip.) The total number of anglers was estimated as  $5,688 = 3,623$  angling households  $\times$  1.57 anglers per angling household (Table 5.1-2).

Monthly License Holders. The same procedures used to estimate aggregate participation and effort for weekly license holders were also applied to monthly license holders.

Annual License Holders. About 16,938 individual anglers obtained an annual license in 1991 (Table 2.2-1). We estimated the total number of angling households as  $9,156 = 16,938 \div 1.85$ , where 1.85 was our sample estimate of the mean number of anglers per angling household (Table 5.1-2). We then estimated the total number of household trips in each fishing mode by multiplying the total number of angling households (9,156) by the average number of household trips in each mode (Table 5.1-1). (For example, the total number of household trips from pangas/cruisers was estimated as  $5,585 = 9,156$  angling households  $\times$  0.61 annual household trips/angling household.) The total number of angler trips in each mode was then estimated by multiplying the number of household trips in that mode by the mean number of household members per household trip, which varied by mode. (For example, the total number of angler trips from pangas/cruisers was estimated as  $7,808 = 5,585$

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<sup>10</sup> Since the number of weekly licenses issued reflects the number of non-CPFV trips made by these license holders, the number of angling households is obtained by dividing by the average annual number of non-CPFV trips per angling household.

household trips x 1.398, where 1.398 was our sample estimate of the mean number of household members per household trip in that particular mode.)

### 5.1.2 Estimates for CPFV-Only License Holders

Given our prior knowledge that 59,345 one-day CPFV angler trips occurred in 1991 (Section 3.2), we estimated the number of angler trips made in this mode by CPFV-only anglers by subtracting the estimated number of one-day CPFV angler trips made by weekly, monthly and annual license holders from the total number of trips ( $54,037 = 59,345 - 628 - 84 - 4,596$ ). We then estimated the corresponding number of household trips as  $40,326 = 54,037 \div 1.34$ , where 1.34 was our sample estimate of the mean number of household members per one-day CPFV household trip ( $n=568$ ). Using our prior knowledge that 9,476 multi-day CPFV angler trips occurred in 1991 (Section 3.2) and our sample average value of 1.21 household members per multi-day CPFV household trip ( $n=1,118$ ), we similarly estimated that 6,724 household trips and 8,136 angler trips were made by CPFV-only anglers in multi-day CPFV mode in 1991.

Although our data did not allow us to directly estimate the mean annual number of one-day and multi-day CPFV trips made by CPFV-only anglers, we were able to obtain separate estimates of these mean values for CPFV-only anglers who responded to the one-day and multi-day CPFV questionnaires. In particular, CPFV-only anglers who responded to the one-day CPFV questionnaire made 2.65 one-day CPFV trips and 0.53 multi-day CPFV trips per year ( $n=342$ ). CPFV-only anglers who responded to the multi-day CPFV questionnaire made 0.82 one-day CPFV trips and 1.49 multi-day CPFV trips per year ( $n=679$ ).

In order to determine the mean number of one-day and multi-day CPFV household trips made by CPFV-only anglers as a whole, we needed to know the appropriate weights to attach to the mean values provided by respondents to the one-day and multi-day CPFV questionnaires. In order to accomplish this and also to estimate the total number of angling households in the CPFV-only category, we constructed the following two equations in two unknowns,  $\alpha$  and  $N$ :

$$\begin{aligned} [2.65\alpha + 0.82(1-\alpha)]N &= 40,326 & [2a] \\ [0.53\alpha + 1.49(1-\alpha)]N &= 6,724 & [2b] \end{aligned}$$

where

$\alpha$  is the weight attached to the mean number of one-day and multi-day household trips made by CPFV-only anglers who responded to the one-day CPFV questionnaire, and  $1-\alpha$  is the weight attached to the same variables for CPFV-only anglers who responded to the multi-day CPFV questionnaire,

N is the total number of CPFV-only angling households,

2.65 (n=342) and 0.82 (n=679) are the mean number of one-day CPFV household trips made by CPFV-only anglers who responded to the one-day and multi-day CPFV questionnaires respectively,

0.53 (n=342) and 1.49 (n=679) are the mean number of multi-day household trips made by CPFV-only anglers who responded to the one-day and multi-day CPFV questionnaires respectively, and

40,326 and 6,724 are the estimated total numbers of one-day and multi-day CPFV household trips made by CPFV-only angling households in 1991 (from Table 5.1-2).

The solution to equations [2a] and [2b] is:

$$\alpha^* = 1.070 \quad [3a]$$

$$N^* = 14,516 \quad [3b]$$

Using equation [3a], we estimated the mean number of one-day CPFV trips made by CPFV-only angling households as

$$2.65\alpha^* + 0.82(1-\alpha^*) = 2.78 \quad [4a]$$

and the mean number of multi-day CPFV trips as

$$0.53\alpha^* + 1.49(1-\alpha^*) = 0.46. \quad [4b]$$

The equation [4a] and [4b] estimates are reported in Table 5.1-1, while the equation [3b] estimate of the number of CPFV-only angling households is reported in Table 5.1-2.

### 5.1.3 All License Holders

About 44,673 U.S. anglers from 27,812 angling households fished from boats in Mexican waters during 1991. Slightly more than one-half of these households and anglers fished exclusively from CPFV's, while the rest fished in either non-CPFV modes or both CPFV and non-CPFV modes. A total of 102,435 household trips (146,577 angler trips) were made during the year. The distribution of household trips by fishing mode was 43% one-day CPFV, 19% at-sea private boat, 18% cartop-carried/trailer boat, 9% multi-day CPFV, 8% panga/cruiser and 4% moored private boat (Table 5.1-2).

## 5.2 Angler Characteristics by License Type

A number of survey questions elicited demographic information about the key anglers and their households (Tables 5.2-1 to 5.2-6).

Results categorized by license type (weekly, monthly, annual, CPFV-only) are summarized as follows:

1) About 42% of key anglers had a four-year college degree, with the proportion being somewhat less for CPFV-only anglers (38%) than for weekly, monthly and annual license holders (45%-49%) (Table 5.2-1).

2) Over 70% of all key anglers were employed in professional or managerial occupations or were retired. Weekly, monthly and annual license holders were dominated by professionals and retirees. CPFV-only anglers fell largely into professional and managerial categories (Table 5.2-2).

3) The median annual household income for each of the four types of license holders was \$50,000-\$60,000 (Table 5.2-3).

4) In terms of ethnic background, most (86%) license holders were non-Hispanic White. Non-Hispanic Whites comprised 82% of CPFV-only license holders, 88%-91% of weekly and annual license holders and 98% of monthly license holders (Table 5.2-4).

5) About 41% of respondents claimed a greater than intermediate level of fishing skill, while only 20% claimed a less than intermediate level of skill. The distribution of fishing skills was similarly skewed for all license types (Table 5.2-5).

6) Key anglers in each of the four license categories were predominantly (91%-98%) male. Average age was 42 years for CPFV-only anglers, 46-47 years for weekly and monthly license holders and 51 years for annual license holders. Average years of saltwater fishing experience ranged from 19 years for CPFV-only anglers to 26 years for annual license holders. On average, key anglers were 29-33 years of age when they first began fishing in Mexico (Table 5.2-6).

7) For key anglers in all license categories, average household size (including the key angler) was 2.3-2.5 persons. Households tended to be predominantly (67%-71%) male. The proportion of total household members who had ever fished in Mexican waters was 69%-71% for monthly and CPFV-only license holders, 79% for weekly license holders and 85% for annual license holders. The median age of all household members was 36-45 years for weekly, monthly and annual license holders and 26-35 years for CPFV-only license holders. The median age at which household members who had fished in Mexican waters

began fishing there was 26-35 years for weekly, monthly and annual license holders and 19-25 years for CPFV-only license holders (Table 5.2-6).

### **5.3 Angler Characteristics by Predominant Mode of Fishing**

Tables 5.3-1 to 5.3-7 describe demographic and other characteristics of respondents according to their predominant mode of fishing, that is, the mode in which the respondent made a plurality of his/her trips in the previous year. Respondents for whom two or more fishing modes "tied" on the basis of plurality were included in the samples comprising each of their predominant modes. (For example, a respondent who made one panga/cruiser trip, two one-day CPFV trips and two multi-day CPFV trips in the previous year was considered to have two predominant modes: one-day CPFV and multi-day CPFV.) Although predominant modes do not represent mutually exclusive categories of anglers, information regarding how angler characteristics vary by predominant mode is useful for obtaining a profile of individuals likely to fish in each mode.

Results categorized by predominant mode of fishing are as follows:

1) About 53% of respondents whose predominant mode was moored private boat had a four-year college degree. The proportion of college educated anglers for each of the other modes was 39%-43% (Table 5.3-1).

2) More than one-half of all respondents whose predominant mode was one-day CPFV, multi-day CPFV or panga/cruiser were employed as managers or professionals. Professionals and retirees comprised more than one-half of all respondents in the trailered boat, at-sea private boat and moored private boat categories (Table 5.3-2).

3) Respondents whose predominant mode was multi-day CPFV or panga/cruiser had a median annual household income of \$60,000-\$70,000; for 12%-14% of these individuals, income was greater than \$150,000. For respondents associated with all other modes the median income was \$50,000-\$60,000 (Table 5.3-3).

4) The proportion of respondents who were non-Hispanic White was 79% for one-day CPFV, 84%-86% for multi-day CPFV, panga/cruiser and at-sea private boat, and 90%-92% for trailered boat and moored private boat. Most of the remainder were Hispanic and Asian (Table 5.3-4).

5) The proportion of respondents claiming a greater than intermediate level of fishing skill was 43%-46% for moored private boat and trailered boat modes, 51% for one-day CPFV and at-sea private boat modes, and 55%-58% for panga/cruiser and multi-day CPFV modes. About 23% of respondents whose predominant mode was moored private boat claimed a less than intermediate level of skill; the corresponding proportion for the other modes was considerably smaller (9%-13%)(Table 5.3-5).

6) At least 96% of the key anglers associated with each of the six modes were male. Average age ranged from 43 years for one-day CPFV mode to 49 years for moored private boat mode. Average amount of saltwater fishing experience was 21 years for one-day CPFV mode and 24-25 years for all other modes. On average, key anglers were 28-32 years of age when they first began fishing in Mexico (Table 5.3-6).

7) For respondents associated with all modes, average household size (including the respondent) was 2.1-2.4 persons. The proportion of household members (including the respondent) who were male ranged from 67% for moored private boat to 75% for one-day and multi-day CPFV. The proportion of household members who had ever fished in Mexico was 78%-85%. The median age of all household members was 36-45 years for all fishing modes. The median age at which household members who had fished in Mexican waters began fishing there was 19-25 years for one-day CPFV and panga/cruiser and 26-35 years for all other modes (Table 5.3-6).

8) Key anglers whose predominant mode was multi-day CPFV averaged 2.5 trips per year (all modes). Average participation rates for respondents associated with other modes was 3.6-3.7 trips for trailered boat and panga/cruiser, 4.1-4.6 trips for moored private boat and one-day CPFV and 6.6 trips for at-sea private boats. The proportion of annual trips that were made in the predominant mode was 55% for panga/cruiser, 70% for trailered boat, and 63%-66% for all other modes (Table 5.3-7).

## **5.4 Trip Characteristics by Fishing Mode**

### **5.4.1 General Trip Characteristics**

Characteristics of one-day and multi-day CPFV trips were summarized using information from respondents whose most recent trip was in CPFV mode (Table 5.4.1-1). Characteristics of non-CPFV trips were summarized in a similar manner (Table 5.4.1-2).

Some highlights regarding CPFV trips (Table 5.4.1-1) are as follows:

1) Over one-half of one-day CPFV trips were chartered, while the remaining half were approximately evenly split between open boats and open boats with limited load. Multi-day CPFV trips were made mostly aboard open boats with limited load and chartered boats.

2) Hook-and-line (as opposed to spearfishing) gear was the predominant gear on virtually all CPFV trips.

3) About nine out of ten CPFV passengers traveled between home and the boat launching site in San Diego by car.

4) Whereas 32% of one-day CPFV passengers lived in the San Diego area, only 15% of the multi-day CPFV clientele were San Diego residents. Most of the non-San Diego residents making one-day and multi-day CPFV trips came to San Diego for the main purpose of fishing.

5) Defining members of the fishing party as individuals who were personally acquainted with each other prior to the trip, about 60% of the one-day CPFV trips involved fishing parties consisting of non-household members only. The remaining 40% were approximately equally distributed among trips where the respondent went alone, went with other household members, or went with both household and non-household members. About 60% of the multi-day CPFV trips involved fishing parties consisting of non-household members only. An additional 23% were made alone; the remaining 17% were about equally divided between trips made with other household members only and trips made with both household and non-household members.

6) Defining members of the fishing party as individuals who were personally acquainted with each other prior to the trip, the average size of the fishing party was 7.2 persons for one-day CPFV trips and 5.1 persons for multi-day CPFV trips. The trips reflected in these averages run the gamut from one-person fishing parties (e.g., an angler fishing aboard an open boat with "strangers") to trips where the fishing party consisted of everyone aboard the boat (e.g., chartered boat trips).

7) Fishing parties comprised solely of household members tended to be smaller in size and more likely to include females and individuals 18 years of age and younger. In general, however, adult males comprised over 90% of the members of the average CPFV fishing party.

Characteristics of non-CPFV trips (Table 5.4.1-2) were as follows:

1) Defining a fishing trip as beginning when the angler leaves his/her home in the U.S. and ending when the angler returns to the U.S., average trip length was 9.3 days for pangas/cruisers, 12.8 days for at-sea private boats and 17.6 days for trailered boats. Trips involving moored private boats were considerably longer (49.5 days); trips of this type are often made by Americans who are part-time residents of Mexico. The proportion of days per trip on which fishing actually occurs was over 45% for pangas/cruisers and trailered boats, 34% for at-sea private boats and 22% for moored private boats.

2) Fishing was the main purpose of over three-fourths of all trips to Mexico involving pangas/cruisers, trailered boats and at-sea private boats. Fishing was the main purpose for a significantly smaller proportion (45%) of moored private boat trips.

3) While hook-and-line was the only gear used on 83%-93% of all non-CPFV boat trips, it was used in combination with spearfishing gear on a small but significant proportion (8%-14%) of trips.

4) For trips involving at-sea or moored private boats, virtually all of the fishing occurs from the boat. For trips involving pangas/cruisers or trailered boats, a significant number of trips (29%-33%) involved fishing from shore as well as from the boat.

5) The proportion of trips during which fishing occurred largely within three miles of shore was 25% for at-sea private boats, 44%-48% for pangas/cruisers and moored private boats and 69% for trailered boats.

6) About 6% of at-sea boat trips and 3% of moored boat trips involved participation in a fishing tournament.

7) Car/van/truck (50%) and airplane (38%) were the main modes of transportation between the U.S. and Mexico for panga/cruiser trips. Car/van/truck (73%) and camper/motorhome (23%) were the main modes for trailered boat trips. Boat/yacht (89%) was the main mode for at-sea private boat trips. Car/van/truck (36%), boat/yacht (28%) and airplane (30%) were the main modes for moored private boat trips.

8) Hotel (62%) and tent/camper/motorhome (29%) were the main overnight sleeping accommodations for panga/cruiser trips. Tent/camper/motorhome (74%) and hotel (26%) were the main accommodations for trailered boat trips. Boat/yacht (44%), own home in Mexico (23%) and hotel (21%) were the main accommodations for moored private boat trips. About 45% of at-sea private boat trips were one-day trips for which no overnight accommodations were needed; for most of the remaining trips in this mode, sleeping occurred aboard the boat itself.

9) For trips in all four non-CPFV boat modes, the average size of the fishing party was 3.2-3.5 persons. On average, about 93%-98% of the fishing party were at least 18 years of age, 77%-83% were male and 91%-93% fished during the trip.

10) The key angler was accompanied solely by non-household members on 38% of moored private boat trips, 43% of trailered boat trips, 50% of at-sea private boat trips and 58% of panga/cruiser trips. An additional 6%-11% of trips in each mode were made by the key angler fishing alone. The remaining trips were about evenly split between trips where the key angler was accompanied by household members only or by both household and non-household members.

11) Trips involving solely household members averaged 2.0-2.3 persons per fishing party, of whom 50%-59% were male, 90%-100% were 18 years of age and older and 79%-89% fished during the trip. Trips where the key angler was accompanied by only non-household members averaged 3.4-3.8 persons per fishing party, of whom at least 93% were male, at least 96% were 18 years of age and older and at least 96% fished during the trip. Trips where the key angler was accompanied by both household and non-household members averaged 4.4-5.0 persons per fishing party, of whom 56%-73% were male, at least 89% were 18 years of age and older and 78%-91% fished during the trip.

#### **5.4.2 Geographic Distribution of Trips**

Using the map in Appendix B as a visual aid, respondents to the multi-day and non-CPFV questionnaires were asked to identify the areas in which they fished on their most recent fishing trip. Respondents to the one-day CPFV questionnaire were not asked this question since trips in that mode were known to largely occur in area 1 on the map. The distribution of respondents' most recent trip by geographic area and fishing mode (Table 5.4.2-1) can be described as follows:

1) Multi-day CPFV trips were largely concentrated on the Pacific Ocean side of the Baja peninsula in areas 2, 4 and 6.

2) Panga/cruiser, trailered boat and moored private boat trips occurred largely in the Gulf of California (Sea of Cortez) in areas 9-13, with smaller but significant amounts of fishing also occurring on the Pacific Ocean side of the northern Baja peninsula in areas 1-2.

3) Most at-sea private boat trips occurred in area 1, with smaller but significant amounts occurring elsewhere on the Pacific Ocean and Gulf sides of the Baja peninsula.

4) Area 1 was by far the area of greatest overall fishing activity. This is largely due to the fact that one-day CPFV trips, which comprised a significant proportion (43%) of total trips in all modes (Table 5.1-2), were concentrated in that area.

#### **5.4.3 Harvest Information**

##### **5.4.3.1 Target Species and Success Rates**

Respondents were asked to identify the species targeted and the numbers caught and released by themselves and other household members on their most recent fishing trip from a list of species provided in the questionnaire. In addition to including specific species, the list also included a "no particular species" category for those who had no species preference and an "other" category for those whose preferences and/or catches were not reflected on the list. The species list differed somewhat among the one-day CPFV, multi-day CPFV and non-CPFV questionnaires, to reflect differences in the species composition of catch anticipated for the different fishing modes.

For each fishing mode, we computed: 1) the proportion of trips on which each species was targeted by one or more household members, 2) the success rate, that is, the proportion of trips on which each species was caught by one or more household members and 3) the proportion of trips targeted at each species on which the targeted species was caught by one or more household members. This information is summarized in Tables 5.4.3-1a to 5.4.3-1f, which are subject to the following interpretations:

1) The percentages in the second and third columns of the tables do not necessarily sum to 100.0%, since some respondents designated more than one target species and/or indicated that more than one species was caught by themselves or other household members on their most recent trip.

2) While a single sample size is reported for the second and third columns of the tables, a separate sample size is reported for each entry in the fourth column. The sample size reported in the second column pertains to the number of respondents who answered the survey question regarding target species for their most recent fishing trip. The sample size reported in the third column pertains to the number of respondents who answered the survey questions regarding catch for their most recent trip. The sample size reported in the fourth column for each particular species refers to the numbers of respondents who reported that one or more household members targeted that species on their most recent trip. Thus for example, Table 4.3.1a indicates that albacore was: a) targeted on 29.9% of all one-day CPFV trips in the sample (based on a sample size of 581), b) caught on 3.6% of one-day CPFV trips (based on a sample size of 573), and c) caught on 9.1% of the 131 sample trips for which albacore was reportedly a targeted species.

3) For respondents who indicated that they and other household members were not targeting any particular species, the percentage reported in the fourth column is the proportion of trips targeted at "no particular species" on which any species of fish was caught.

4) For CPFV trips, it is important to note that the target species designated by respondents did not necessarily coincide with the species targeted by the CPFV operator.

The most popular target species (i.e., species targeted on at least 15% of trips according to Tables 5.4.3-1a to 5.4.3-1f), in decreasing order of popularity, were:

One-day CPFV - yellowtail, other tuna, albacore, no particular species, rockfish, bonito/barracuda/bass;

Multi-day CPFV - yellowfin tuna, yellowtail, other tuna, albacore, dorado, wahoo;

Panga/cruiser - dorado, yellowfin tuna, yellowtail, marlin, sailfish, wahoo;

Cartop-carried/trailer boat - dorado, yellowtail, yellowfin tuna, no particular species, cabrilla, pargo, grouper;

At-sea private boat - yellowtail, no particular species, yellowfin tuna, other tuna, dorado, marlin, albacore;

Moored private boat - dorado, yellowfin tuna, no particular species, yellowtail, marlin, cabrilla, wahoo.

Several of the species cited above were caught more often than they were targeted, e.g., bonito/barracuda/bass and rockfish on one-day CPFV trips (Table 5.4.3-1a) and cabrilla on trailered boat trips (Table 5.4.3-1d). More typically, however, species tended to be targeted more often than they were caught. This disparity was especially marked for albacore, which was targeted on 30% but caught on only 4% of one-day CPFV trips (Table 5.4.3-1a) and targeted on 47% but caught on only 8% of multi-day CPFV trips (Table 5.4.3-1b).

Species that were caught on more than 50% of the trips on which they were targeted (Tables 5.4.3-1a to 5.4.3-1f) included:

One-day CPFV - rockfish, bonito/barracuda/bass;

Multi-day CPFV - wahoo, pargo, yellowtail, other tuna, yellowfin tuna;

Panga/cruiser - pargo, dorado, cabrilla, sailfish, yellowfin tuna, marlin;

Cartop-carried/trailered boat - cabrilla, dorado, yellowfin tuna, flatfish, pargo;

At-sea private boat - no species;

Moored private boat - dorado.

#### 5.4.3.2 Aggregate Catch and Release

We computed total annual catch of species  $i$  in fishing mode  $j$  ( $TOTCTCH_{ij}$ ) as:

$$TOTCTCH_{ij} = PCTCTCH_{ij} \times CTCHRATE_{ij} \times HHDTRPS_j \quad [5]$$

where

$PCTCTCH_{ij}$  is the proportion of respondents' most recent trip in mode  $j$  on which at least one fish of species  $i$  was caught by one or more household members (from Tables 5.4.3-1a to 5.4.3-1f);

$CTCHRATE_{ij}$  is the mean number of fish of species  $i$  caught on those trips in mode  $j$  where at least one fish of species  $i$  was caught by one or more household members (calculated from survey data);

HHDTRPS<sub>j</sub> is the total number of household trips made in mode j during the year (from Table 5.1-2).

We then computed the amount of TOTCTCH<sub>ij</sub> retained by anglers (NETCTCH<sub>ij</sub>) according to the formula:

$$\text{NETCTCH}_{ij} = \text{TOTCTCH}_{ij} \times (1 - \text{RLSERATE}_{ij}) \quad [6]$$

where

RLSERATE<sub>ij</sub> is the proportion of species i harvested in mode j that was subsequently released, as reported by survey respondents whose most recent trip was in mode j.

We compared our estimates of aggregate net catch (i.e., total catch minus total release) on one-day and multi-day CPFV trips with estimates provided by CPFV skippers in their 1991 trip reports to the MDF. Our survey estimates of aggregate net catch of all species combined exceeded the skipper estimates by a factor of 2.065:1, a not surprising result given that self-reported catch rates provided by anglers are generally known to have a strong upward bias (Brown 1991). However, although the absolute estimates of harvest from the two sources differed significantly, the species composition of catch was found to be very similar (Figure 5.4.3-1).

We estimated total harvest associated with each fishing mode/species combination under the assumption that: 1) the species composition of catch provided by survey respondents was accurate and 2) an upward bias similar in magnitude to that found for CPFV harvest also applied to non-CPFV harvest. Our procedure was to estimate catch and net catch for each mode/species combination via equations [5] and [6], then reduce the resulting estimates by a factor of 2.065. Because of the difficulty of corroborating the assumptions underlying our estimates of catch, release and net catch (Tables 5.4.3-2a to 5.4.3-2f), those results should be interpreted as preliminary estimates of unknown precision.<sup>11</sup>

The contribution of each species to total harvest (Tables 5.4.3-2a to 5.4.3-2f) was not necessarily correlated with the proportion of total trips targeted at the species (Tables 4.3-1a to 4.3-1f). For example, while albacore, other tunas and yellowtail were the major target species on one-day CPFV trips (Table 4.3-1a),

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<sup>11</sup> For some fishing mode/species combinations, TOTCTCH<sub>ij</sub> was not estimated because very low values for PCTCTCH<sub>ij</sub> resulted in sample sizes that were too small to estimate CTCHRATE<sub>ij</sub> (see equation [5]). Mode/species combinations that were affected in this manner were denoted "---" in Tables 5.4.3-2a to 5.4.3-2f.

the harvest in that mode was dominated by rockfish and bonito/barracuda/bass (Table 5.4.3-2a). By contrast, yellowfin and other tunas, yellowtail and dorado were major target species (Table 5.4.3-1e) and major components of harvest (Table 5.4.3-3e) on at-sea private boat trips.

We summarized the catch and release estimates contained in Tables 5.4.3-2a to 5.4.3-2f by species (Table 5.4.3-3) and fishing mode (Table 5.4.3-4). By our estimate, boat-based U.S. anglers caught about 820,912 fish in Mexican waters during 1991. Cabrilla, rockfish, yellowfin and other tunas, bonito/barracuda/bass, dorado and yellowtail together accounted for over 60% of total harvest (Table 5.4.3-3). The distribution of total catch across fishing modes was 42% trailered boat, 29% one-day CPFV, 9% each for multi-day CPFV, panga/cruiser and at-sea private boat, and 3% moored private boat (Table 5.4.3-4).

About 285,751 (35%) of the 820,912 fish caught in 1991 were subsequently released. Release rates varied by species, ranging from a high of 65%-70% for marlin, sailfish and roosterfish to below 25% for more commonly caught species like yellowfin, other tunas, yellowtail and rockfish (Table 5.4.3-3). Release rates also varied by fishing mode. They tended to be lower for one-day CPFV, multi-day CPFV and panga/cruiser trips (22%-28%) than for trailered, at-sea and moored private boat trips (36%-44%) (Table 5.4.3-4).

#### **5.4.4 Average and Aggregate Expenditures**

We estimated average expenditures per household trip for one-day CPFV trips (Table 5.4.4-1a), multi-day CPFV trips (Table 5.4.4-1b) and the four non-CPFV modes (Table 5.4.4-1c). Our estimates represent expenses incurred by all household members during the respondent's most recent fishing trip. This information was requested on a household trip rather than an angler trip basis since some costs (e.g., gasoline, lodging, food) are difficult to allocate among household members. For each expenditure category, the mean cost per trip is followed by a phrase in parentheses. For example, in Table 5.4.4-1a, the phrase "8.5% of trips @ \$163.10; n=575,40" indicates that lodging costs were incurred on 8.5% of one-day CPFV trips (based on a sample size of 575) and that the average cost per trip for those trips where lodging costs were incurred was \$163.10 (based on a sample size of 40). Respondents did not necessarily incur costs in each expenditure category, either because the category was not applicable to their most recent fishing trip or because the costs incurred in the category were paid for by someone outside the household.

Expenditures for trips in all modes totalled \$79.0 million in 1991 (Table 5.4.4-2). About \$18.9 million (24%) of these expenditures were generated by trailered boat trips and \$16.0 million (20%) by at-sea private boat trips. One-day CPFV, multi-

day CPFV and panga/cruiser trips contributed \$13.9 million (18%), \$11.6 million (15%) and \$11.3 million (14%) respectively. Moored private boat trips contributed about \$7.3 million (9%) of total expenditures. These expenditure estimates include airfare, car rental, gasoline, Mexican car insurance, lodging, food and beverages, fishing gear and tackle, CPFV and panga/cruiser fees, bait, licenses, tips, and fish preparation (e.g., canning, filleting, smoking, packaging, freezing, shipping, mounting).

## **6.0 Respondent Comments**

The last question on each of the three survey instruments (Appendices A-1 to A-3) was:

"Do you have any other comments regarding this questionnaire or your fishing experiences in Mexico?"

About 261 (43%) of the one-day CPFV questionnaires, 559 (48%) of the multi-day CPFV questionnaires and 431 (58%) of the non-CPFV questionnaires were returned with comments (Appendices D-1 to D-3). These comments have been edited for spelling and grammatical errors. To protect the identity of respondents who provided their names, addresses and telephone numbers in their comments, the personal information provided was replaced by the phrase in brackets [Name, Address, Phone]. Other than the aforementioned editorial changes, comments are otherwise exactly as reported by respondents.

#### REFERENCES

- Brown, T.L. 1991. Use and abuse of mail surveys in fishery management. In Guthrie, D., et.al. Creel and angler surveys in fisheries management. American Fisheries Society, Symposium 12.
- Dillman, D.A. 1978. Mail and Telephone Surveys: The Total Design Method. John Wiley and Sons, New York. 325 pp.

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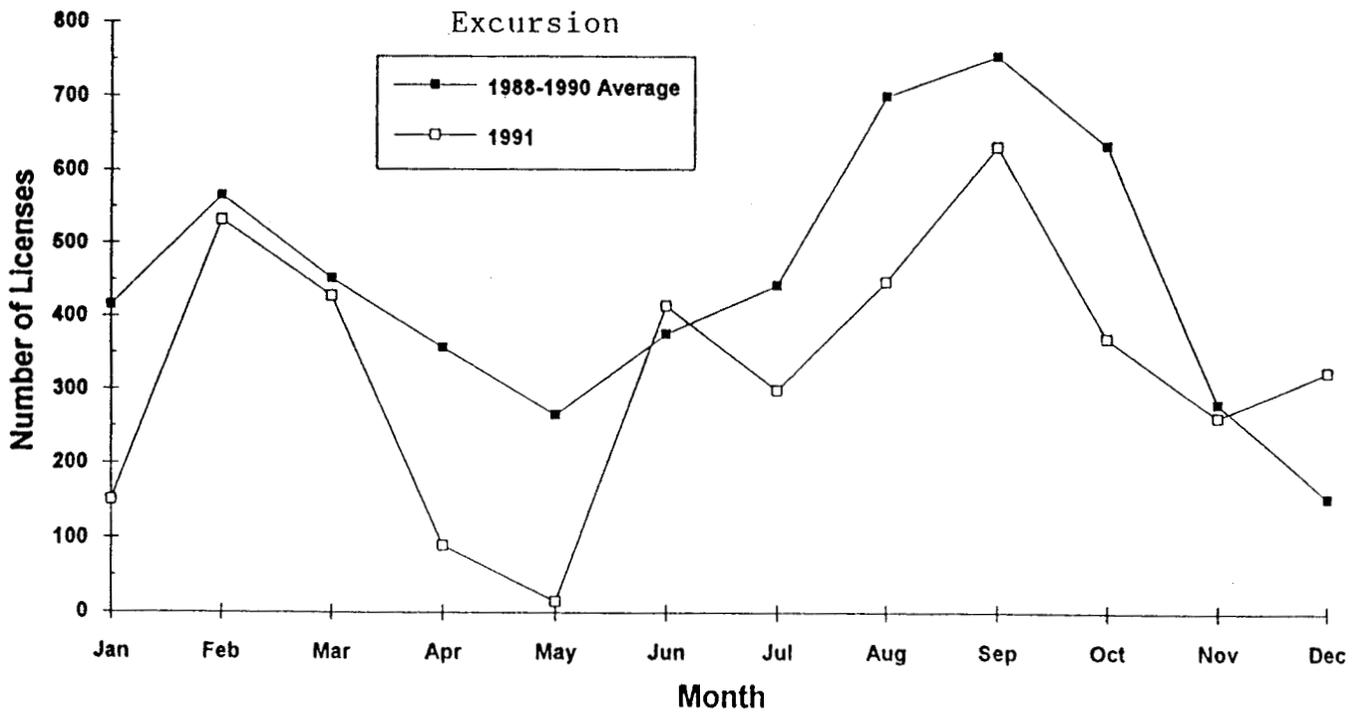
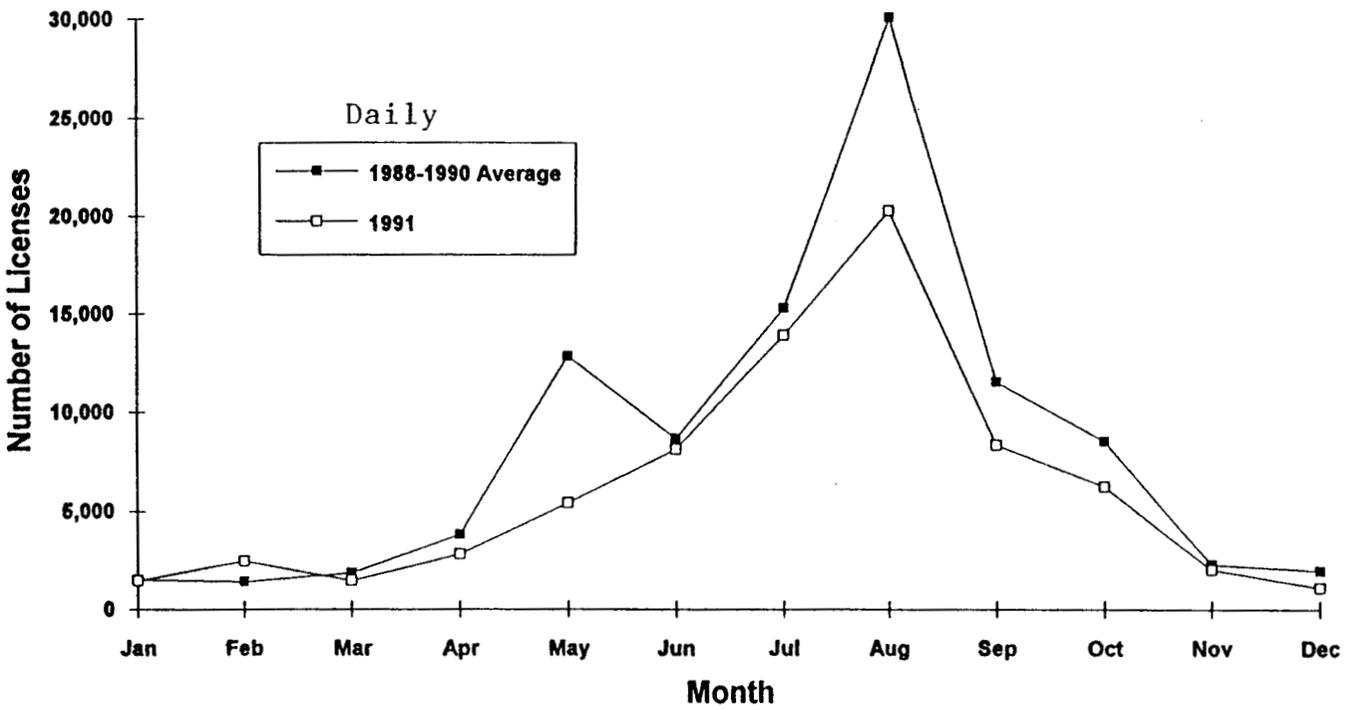


Figure 2.3-1. Number of CPFV Daily and Excursion Licenses Issued: 1991 and Annual Average 1988-1990.

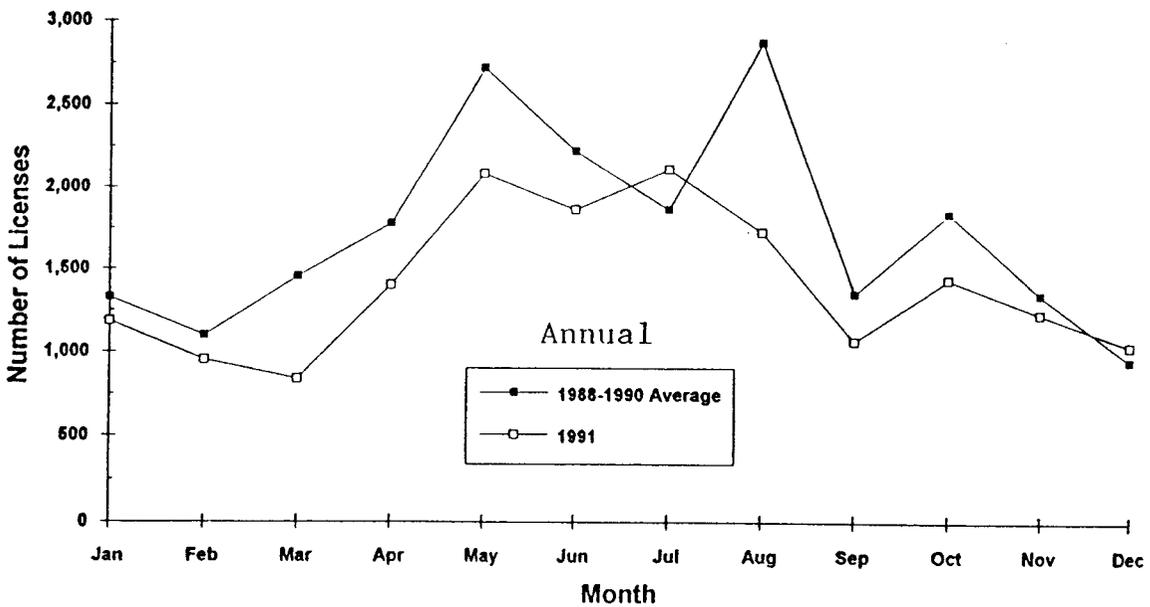
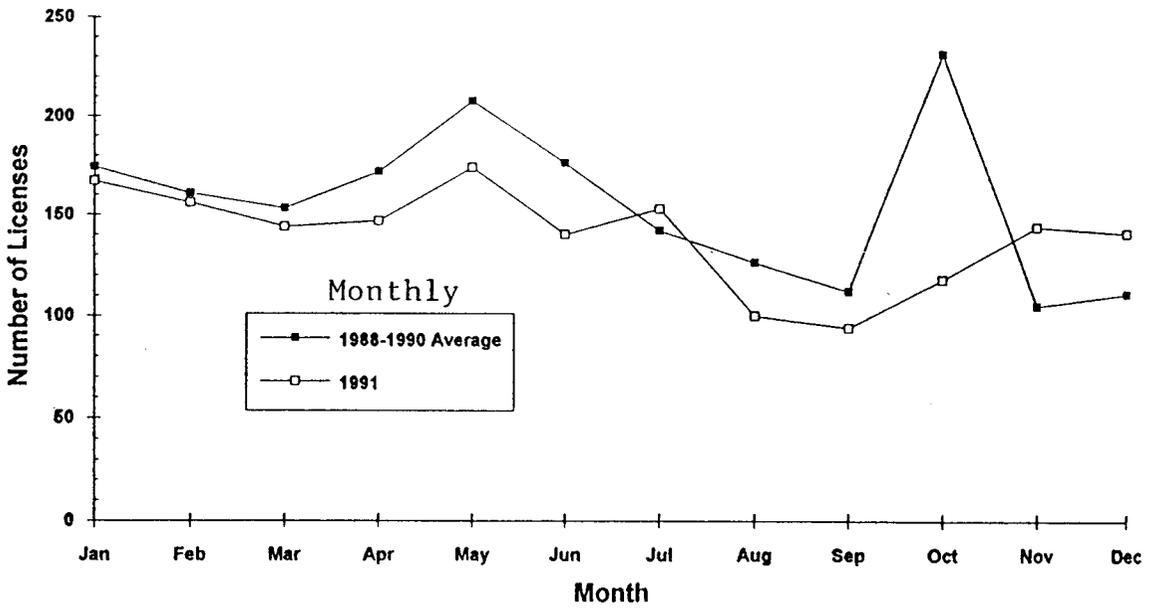
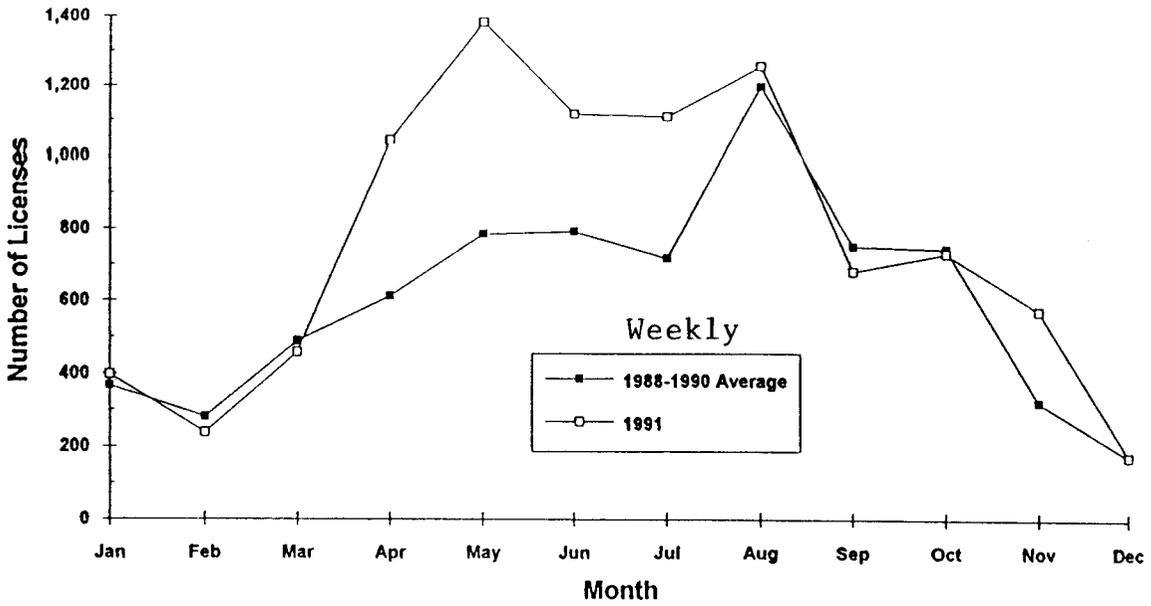


Figure 2.3-2. Number of Weekly, Monthly and Annual Angler Licenses Issued: 1991 and Annual Average 1988-1990

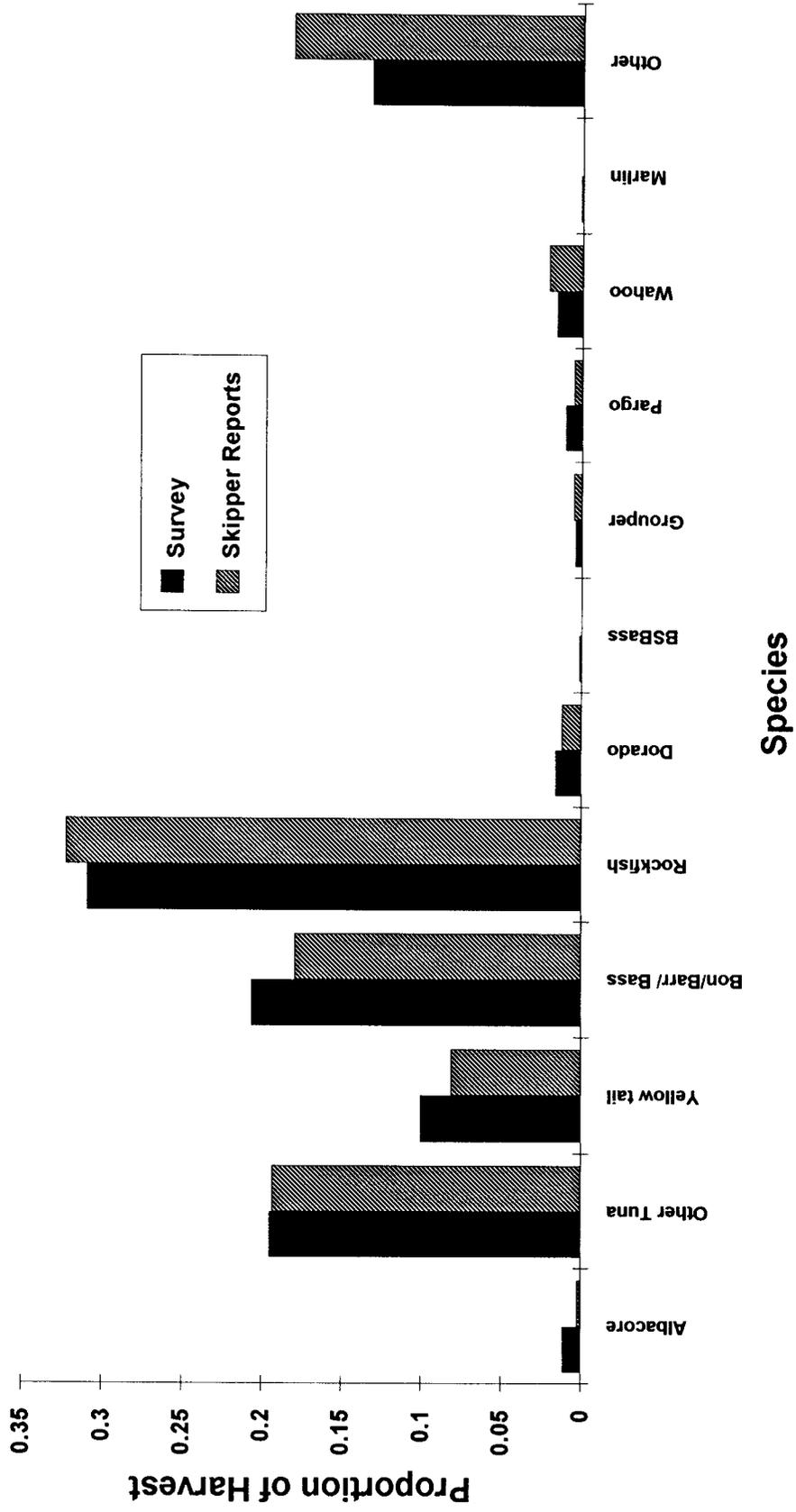


Figure 5.4.3-1. Species Composition of 1991 CPFV Harvest as Estimated from Survey Data and CPFV Skipper Reports.

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Table 2.2-1. Total number of fishing licenses issued to U.S. anglers during 1991 by month and license type, and annual average number issued during 1988-1990 by license type.<sup>1</sup>

Month	Angler License Type					
	Daily	Excursion	Week	Month	Year	Total
January	1,464	150	398	167	1,184	3,363
February	2,454	532	238	156	954	4,334
March	1,457	428	456	144	842	3,327
April	2,817	90	1,040	147	1,407	5,501
May	5,412	15	1,384	174	2,083	9,068
June	8,112	415	1,115	140	1,865	11,647
July	13,925	300	1,108	153	2,110	17,596
August	20,253	448	1,254	100	1,726	23,781
September	8,328	633	678	94	1,068	10,801
October	6,226	371	727	118	1,439	8,881
November	2,004	263	569	144	1,227	4,207
December	1,100	325	174	141	1,033	2,773
<b>Total 1991</b>	<b>73,552</b>	<b>3,970</b>	<b>9,141</b>	<b>1,678</b>	<b>16,938</b>	<b>105,279</b>
1988-1990						
<b>Annual Avg</b>	<b>99,619</b>	<b>5,403</b>	<b>7,203</b>	<b>1,872</b>	<b>20,826</b>	<b>134,923</b>

<sup>1</sup> Daily licenses are applicable to CPFV passengers participating on trips of four days or less; each passenger is charged one daily license for each day spent in Mexican waters. Excursion licenses are applicable to CPFV passengers participating on trips of greater than four days; these licenses are issued on an angler-trip basis. Weekly, monthly and annual are applicable to individuals who fish in Mexican waters aboard pangas/cruisers or private boats.

Source: Mexican Department of Fisheries

Table 2.2-2. Total number of licenses issued to U.S. private boats and commercial passenger fishing vessels (CPFV's) during 1991 by month and license type, and annual average number issued during 1988-1990 by license type.<sup>1</sup>

Month	Private Boat			Total	Total CPFV	GRAND TOTAL
	< 23'	23'-29'11"	≥ 30'			
January	328	43	119	490	3	493
February	248	25	102	375	5	380
March	312	36	53	401	7	408
April	393	47	78	518	20	538
May	501	93	89	683	28	711
June	486	113	71	670	25	695
July	439	119	122	680	44	724
August	401	76	124	601	31	632
September	299	52	102	453	30	483
October	374	88	145	607	35	642
November	330	45	160	535	15	550
December	358	19	127	504	14	518
Total 1991	4,469	758	1,292	6,517	257	6,774
1988-1990 Annual Avg	4,711	984	1,421	7,116	305	7,421

<sup>1</sup> Private boat licenses are valid for a period of one year, CPFV licenses for a period of one month to one year.

Source: Mexican Department of Fisheries

Table 3.4-1 Final status of mailed questionnaires and response rates, by questionnaire type.

Status of Questionnaire	Questionnaire Type			Total
	One-Day CPFV	Multi-Day CPFV	Non-CPFV	
Returned as Undeliverable	86	49	35	170
Completed & Returned	608	1,161	748	2,517
Not Returned	696	786	397	1,879
<b>Total # Mailed</b>	<b>1,390</b>	<b>1,996</b>	<b>1,180</b>	<b>4,566</b>
<b>Response Rate<sup>1</sup></b>	<b>46.6%</b>	<b>59.6%</b>	<b>65.3%</b>	<b>57.3%</b>

<sup>1</sup> Response Rate = Completed & Returned ÷ (Completed & Returned + Not Returned).

Table 3.4-2. Distribution of delivered and returned questionnaires by county/state of residence and questionnaire type.

Area of Residence	Questionnaire Type					
	One-Day CPFV		Multi-Day CPFV		Non-CPFV	
	Delivered	Returned	Delivered	Returned	Delivered	Returned
So. California:						
San Diego	32.9%	31.0%	14.0%	13.5%	48.8%	48.7%
Orange	13.4%	13.8%	17.8%	17.7%	6.7%	6.8%
Riverside	7.5%	6.5%	4.3%	4.4%	3.3%	3.8%
San Bernardino	7.5%	6.5%	5.0%	4.4%	3.1%	3.2%
Los Angeles	23.3%	26.0%	38.2%	38.9%	8.2%	9.3%
Other <sup>1</sup>	1.3%	1.2%	3.8%	3.4%	1.8%	1.8%
Total	85.9%	85.0%	83.1%	82.3%	71.9%	73.6%
Central California <sup>2</sup>	2.7%	3.5%	8.5%	9.3%	11.3%	11.0%
No. California <sup>3</sup>	0.1%	0.0%	0.6%	0.5%	1.9%	2.0%
Total California	88.7%	88.5%	92.2%	92.1%	85.1%	86.6%
Arizona	7.0%	6.9%	1.9%	2.1%	3.9%	3.8%
Nevada	1.5%	2.0%	1.8%	1.8%	1.1%	1.0%
Other States	2.8%	2.7%	4.1%	4.0%	9.9%	8.6%
GRAND TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>1</sup> Includes the counties of Imperial, Ventura and Santa Barbara.

<sup>2</sup> Includes the counties of Alameda, Calaveras, Contra Costa, El Dorado, Fresno, Inyo, Kern, Kings, Madera, Marin, Merced, Mono, Monterey, Napa, Sacramento, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus, Tulare, Tuolumne and Yolo.

<sup>3</sup> Includes the counties of Butte, Humboldt, Lake, Mendocino, Nevada, Placer, Plumas, Shasta, Tehama and Trinity.

Table 5.1-1. Estimated mean number of boat-based fishing trips made by respondents in previous year, by fishing mode and license type.

Average # Trips/Year	License Type			
	Weekly	Monthly	Annual	CPFV Only <sup>1</sup>
One-Day CPFV	0.14	0.13	0.37	2.78
Multi-Day CPFV	0.02	0.04	0.11	0.46
Panga/Cruiser	0.73	0.63	0.61	0.00
Cartop/Trlr Boat	0.68	0.75	1.67	0.00
At-Sea Private Boat	0.24	0.42	2.01	0.00
Moored Private Boat	0.01	0.31	0.43	0.00
<b>Total</b>	<b>1.82</b>	<b>2.28</b>	<b>5.20</b>	<b>3.24</b>
	(84)	(48)	(388)	(1021)

<sup>1</sup> The mean values for one-day and multi-day CPFV trips taken by CPFV-only respondents were computed as weighted averages of the following statistics, which were provided by respondents to the one-day and multi-day CPFV questionnaires who fished in CPFV mode only:

Average # Trips/Year	Questionnaire Type	
	One-Day CPFV	Multi-Day CPFV
One-Day CPFV	2.65	0.82
Multi-Day CPFV	0.53	1.49
	(342)	(679)

The mean number of one-day CPFV trips made by CPFV-only respondents was estimated as

$$2.78 = 2.65\alpha + 0.82(1-\alpha)$$

and the mean number of multi-day CPFV trips as

$$0.46 = 0.53\alpha + 1.49(1-\alpha).$$

Derivation of  $\alpha = 1.070$  is described in Section 5.1.2.

Table 5.1-2. Estimates for 1991 of total anglers and angling households by license type, and total household and angler trips by fishing mode and license type.

	Anglers by License Type				
	Weekly <sup>3</sup>	Monthly <sup>3</sup>	Annual <sup>4</sup>	CPFV Only <sup>5</sup>	Total
Total # Non-CPFV Angler Trips	9,141	1,678			
Avg # Hhd Members/Non-CPFV Hhd Trip <sup>1</sup>	1.52	1.54			
Total # Non-CPFV Hhd Trips	6,014	1,090			
Avg Annual # Non-CPFV Hhd Trips/Angling Hhd	1.66	2.11			
Total # Angling Hhds	3,623	517	9,156	14,516	27,812
Distribution of Household Trips:					
One-Day CPFV	507	67	3,388	40,326	44,288
Multi-Day CPFV	72	21	1,007	6,724	7,824
Panga/Cruiser	2,645	326	5,585	0	8,556
Cartop/Trlr Boat	2,464	388	15,291	0	18,143
At-Sea Private Boat	870	217	18,404	0	19,491
Moored Private Boat	36	160	3,937	0	4,133
Total	6,594	1,179	47,612	47,050	102,435
Distribution of Angler Trips:					
One-Day CPFV	628	84	4,596	54,036	59,345
Multi-Day CPFV	81	23	1,236	8,136	9,476
Panga/Cruiser	3,375	422	7,808	0	11,604
Cartop/Trlr Boat	3,796	607	25,815	0	30,218
At-Sea Private Boat	1,209	307	27,898	0	29,414
Moored Private Boat	52	235	6,233	0	6,520
Total	9,141	1,678	73,586	62,172	146,577
Avg # Anglers/Angling Hhd <sup>2</sup>	1.57	1.93	1.85	1.45	
Total # Anglers	5,688	998	16,938	21,048	44,673

Table 5.1-2 (cont.)

**1 Avg # Hhd Members Per Non-CPFV Hhd Trip** computed as

$$\sum_i [\text{MODE}_{ij} * \text{HHDMODE}_i],$$

[1a]

where  $\text{MODE}_{ij}$  is the proportion of annual non-CPFV trips made in mode  $i$  by license holders of type  $j$  (derived from Table 5.1-1) and  $\text{HHDMODE}_i$  is the mean number of household members (including the respondent) per household trip in mode  $i$ . Estimates of  $\text{MODE}_{ij}$  and  $\text{HHDMODE}_i$  were obtained from survey data as follows:

Fishing Mode	Avg # Hhd Members/ Hhd Trip ( $\text{HHDMODE}_i$ )	Distribution of Non-CPFV Trips by Fishing Mode ( $\text{MODE}_{ij}$ )		
		Weekly	Monthly	Annual
Panga/Cruiser	1.383 (114)	44.0%	29.9%	12.9%
Cartop/Trlr Boat	1.670 (299)	41.0%	35.5%	35.4%
At-Sea Private Boat	1.507 (156)	14.5%	19.9%	42.6%
Moored Private Boat	1.566 ( 63)	0.6%	14.7%	9.1%
		(84)	(48)	(388)

**2 Avg # Anglers Per Angling Hhd** computed for weekly, monthly and annual license holders as:

$$[(1-\text{HHDFISH}\%) * 1] + [\text{HHDFISH}\% * \text{NUMFISH}].$$

[2a]

$\text{HHDFISH}\%$  is the proportion of respondents who reported that other household members had also fished in Mexican waters in the previous year and  $\text{NUMFISH}$  is the mean number of anglers (including the respondent) in those households. Equation [2a] represents a weighted average, with weights  $(1-\text{HHDFISH}\%)$  and  $\text{HHDFISH}\%$  attached to sole-angler and multiple-angler households respectively.

Table 5.1-2 (cont.)

In order to estimate **Avg # Anglers Per Angling Hhd** for CPFV-only license holders, equation [2a] was estimated separately for CPFV-only license holders responding to the one-day and multi-day CPFV questionnaires, yielding respective estimates of 1.44 and 1.25 anglers/angling household. These two estimates were weighted again as follows to yield an overall estimate for all CPFV-only license holders:

$$1.44\alpha + 1.25(1-\alpha) \quad [2b]$$

Derivation of  $\alpha=1.070$  is discussed in Section 5.1.2.

The values for HHDFISH% and NUMFISH underlying our estimates of equation [2a] were obtained from survey data as follows:

License Type	One-Day CPFV Resp.		Multi-Day CPFV Resp.		All License Holders	
	HHDFISH%	NUMFISH	HHDFISH%	NUMFISH	HHDFISH%	NUMFISH
Weekly					36.4%	2.57
					( 77)	( 28)
Monthly					62.2%	2.50
					( 45)	( 28)
Annual					55.5%	2.53
					(373)	(204)
CPFV Only	29.9%	2.46	21.0%	2.21		
	(331)	(95)	(656)	(132)		

**Total # Non-CPFV Angler Trips** is represented by the number of weekly and monthly licenses issued in 1991 (Table 2.2-1).

Table 5.1-2 (cont.)

**Avg # Hhd Members Per Non-CPFV Hhd Trip** computed separately for each non-CPFV fishing mode j (j=cruiser/panga, trailered boat, at-sea private boat and moored private boat) as:

$$\Sigma_i (\text{PARTY}\%_{ij} * \text{HHDMEM}_{ij}),$$

where  $\text{PARTY}\%_{ij}$  is the proportion of total trips in mode j falling into the ith fishing party category (i denoting composition of the fishing party with the individual categories being respondent fishing alone, respondent fishing with other household members, respondent fishing with non-household members, respondent fishing with both household and non-household members) and  $\text{HHDMEM}_{ij}$  is the mean number of household members per household trip for the ith fishing party category and the jth mode. Estimates of  $\text{PARTY}\%_{ij}$  and  $\text{HHDMEM}_{ij}$  were obtained from survey data as follows:

Fishing Party	Panga/Cruiser		Cartop/Trlr Boat		At-Sea Priv Boat		Moored Priv Boat	
	PARTY% <sub>ij</sub>	HHDMEM <sub>ij</sub>						
Going alone	11.2%	1.0 (13)	6.0%	1.0 ( 18)	9.4%	1.0 (15)	7.8%	1.0 ( 5)
Hhd only	15.8%	2.3 (18)	23.1%	2.3 ( 69)	19.3%	2.2 (30)	27.0%	2.0 (17)
Non-hhd only	58.0%	1.0 (66)	42.5%	1.0 (127)	50.1%	1.0 (78)	38.1%	1.0 (24)
Hhd & non-hhd	14.9%	2.2 (17)	28.4%	2.3 ( 85)	21.2%	2.3 (33)	27.0%	2.1 (17)
	(116)		(302)		(160)		(64)	

**Total # Non-CPFV Hhd Trips** computed as **Total # Non-CPFV Angler Trips ÷ Avg # Hhd Members Per Non-CPFV Hhd Trip.**

**Avg Annual # Non-CPFV Hhd Trips Per Angling Hhd** obtained from Table 5.1-1.

**Total # Angling Hhds** computed as **Total # Non-CPFV Hhd Trips ÷ Avg Annual # Non-CPFV Hhd Trips Per Angling Hhd.**

Table 5.1-2 (cont.)

**Distribution of Hhd Trips** obtained by multiplying **Total # Angling Hhds** by the average annual number of household trips per angling household made in each mode (from Table 5.1-1).

**Distribution of Angler Trips** obtained by multiplying the total number of household trips in each mode by the mean number of household members/household trip (which varied by mode).

**Total # Anglers** computed as **Total # Angling Hhds x Avg # Anglers Per Angling Hhd**.

<sup>4</sup> **Total # Anglers** is the total number of annual licenses sold in 1991 (Table 2.1-1).

**Total # Angling Hhds** computed as **Total # Anglers ÷ Avg # Anglers Per Angling Hhd**.

**Distribution of Hhd Trips** obtained as in footnote 3.

**Distribution of Angler Trips** obtained as in footnote 3.

<sup>5</sup> **Total # One-Day CPFV Angler Trips** computed as the difference between the total number of one-day CPFV angler trips made in 1991 (59,345 according to Section 3.2) and the number of one-day CPFV angler trips made by weekly, monthly and annual license holders (5,308 = 628 + 84 + 4,596).

**Total # Multi-Day CPFV Angler Trips** computed as the difference between the total number of multi-day CPFV angler trips made in 1991 (9,476 according to Section 3.2) and the number of multi-day CPFV angler trips made by weekly, monthly and annual license holders (1,340 = 81 + 23 + 1,236).

**Total # One-Day CPFV Hhd Trips** computed as **# One-Day CPFV Angler Trips ÷ 1.34** household members/one-day CPFV household trip (n=568).

**Total # Multi-Day CPFV Hhd Trips** computed as **# Multi-Day CPFV Angler Trips ÷ 1.21** household members/multi-day CPFV household trip (n=1118).

**Total # Angling Hhds** computed as described in Section 5.1.2.

**Total # Anglers** computed as **Total # Angling Hhds x Avg # Anglers Per Angling Hhd**.

Table 5.2-1. Distribution of respondents by education level and license type.

Education Level	License Type				Total <sup>1</sup>
	Weekly	Monthly	Annual	CPFV Only	
< 8th grade	0.0%	0.0%	0.5%	0.6%	0.5%
8th grade graduate	1.2%	0.0%	1.3%	1.8%	1.5%
High school grad	28.9%	32.6%	28.2%	30.8%	29.7%
2-year college grad	20.5%	19.6%	24.9%	28.8%	26.3%
4-year college grad	49.4%	47.8%	45.1%	38.1%	42.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
	(83)	(46)	(386)	(1011)	(1526)

<sup>1</sup> Obtained by weighting the percentages for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

Table 5.2-2. Distribution of respondents by employment status and license type.

Employment Status	License Type				Total <sup>1</sup>
	Weekly	Monthly	Annual	CPFV Only	
Blue collar	9.5%	2.2%	9.3%	17.0%	13.2%
Clerical	0.0%	2.2%	0.3%	0.6%	0.5%
Managerial	17.9%	15.2%	13.4%	20.6%	17.8%
Professional	36.9%	32.6%	29.1%	37.3%	34.5%
Part time	3.6%	10.9%	1.3%	4.0%	3.2%
Retired	22.6%	21.7%	34.3%	9.0%	19.3%
Other	9.5%	15.2%	12.4%	11.6%	11.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
	(84)	(46)	(388)	(1010)	(1528)

<sup>1</sup> Obtained by weighting the percentages for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

Table 5.2-3. Distribution of respondents by annual household income and license type.

Annual Household Income	License Type				Total <sup>1</sup>
	Weekly	Monthly	Annual	CPFV Only	
<\$10K	0.0%	2.2%	1.7%	1.3%	1.3%
\$ 10K-20K	3.9%	2.2%	3.7%	3.8%	3.7%
\$ 20K-30K	5.2%	15.6%	7.1%	7.3%	7.1%
\$ 30K-40K	15.6%	11.1%	11.9%	14.1%	13.5%
\$ 40K-50K	20.8%	11.1%	13.0%	15.9%	15.5%
\$ 50K-60K	14.3%*	11.1%*	15.9%*	16.7%*	16.0%*
\$ 60K-70K	13.0%	11.1%	9.3%	7.3%	8.8%
\$ 70K-80K	9.1%	8.9%	9.6%	9.5%	9.5%
\$ 80K-90K	9.1%	8.9%	5.9%	7.4%	7.2%
\$ 90K-100K	5.2%	2.2%	4.5%	4.1%	4.3%
\$100K-110K	0.0%	2.2%	5.1%	4.2%	3.9%
\$110K-120K	0.0%	2.2%	1.7%	0.5%	0.9%
\$120K-130K	1.3%	0.0%	2.3%	0.8%	1.3%
\$130K-140K	1.3%	0.0%	1.1%	1.9%	1.5%
\$140K-150K	0.0%	0.0%	0.3%	1.3%	0.8%
>\$150K	1.3%	11.1%	6.8%	4.0%	4.7%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
	(77)	(45)	(414)	(951)	(1487)

<sup>1</sup> Obtained by weighting the percentages for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

\* denotes median income category.

Table 5.2-4. Distribution of respondents by ethnic background and license type.

Ethnic Category	License Type				Total <sup>1</sup>
	Weekly	Monthly	Annual	CPFV Only	
Hispanic	6.0%	4.3%	5.2%	5.7%	5.5%
Non-Hispanic White	88.0%	97.8%	91.2%	81.9%	86.1%
Black	0.0%	0.0%	0.5%	1.6%	1.0%
Asian	7.2%	0.0%	3.1%	9.4%	6.9%
Other	0.0%	0.0%	1.3%	1.5%	1.2%
Total <sup>2</sup>	101.2%	102.1%	101.3%	100.1%	100.7%
	(83)	(46)	(386)	(1009)	(1524)

<sup>1</sup> Obtained by weighting the percentages for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

<sup>2</sup> Totals may sum to greater than 100.0%, since some respondents belonged to more than one ethnic category.

Table 5.2-5. Distribution of respondents by fishing ability and license type.

Fishing Ability	License Type				Total <sup>1</sup>
	Weekly	Monthly	Annual	CPFV Only	
Novice	7.2%	15.2%	9.7%	12.1%	10.8%
Novice-Intermediate	10.8%	6.5%	7.9%	10.2%	9.4%
Intermediate	43.4%	32.6%	39.8%	37.9%	39.1%
Intermediate-Expert	33.7%	34.8%	33.2%	33.2%	33.3%
Expert	4.8%	10.9%	9.4%	6.4%	7.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
	(83)	(46)	(382)	(1014)	(1442)

<sup>1</sup> Obtained by weighting the percentages for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

Table 5.2-6. Selected respondent and household characteristics, by license type.

Respondent/Household Characteristics	License Type				
	Weekly	Monthly	Annual	CPFV Only	Total <sup>1</sup>
<b>Respondent:</b>					
% male	97.5% (80)	90.9% (44)	96.5% (372)	93.9% (1021)	95.2% (1517)
Avg age (years)	46.8 (82)	45.7 (45)	51.1 (376)	42.4 (1021)	45.9 (1524)
Saltwater fishing experience (years)	22.9 (80)	24.9 (46)	25.9 (374)	19.1 (1021)	22.0 (1521)
Avg age when first fished in Mexico (yrs)	32.7 (74)	31.6 (36)	31.9 (357)	29.2 (1021)	30.6 (1488)
<b>Household (including respondent):</b>					
Avg household size	2.5 (85)	2.5 (49)	2.3 (414)	2.4 (1021)	2.4 (1569)
% male	71.4% (80)	67.5% (44)	67.3% (374)	71.2% (1021)	69.9% (1519)
% ever fished Mexico	78.7% (80)	69.0% (45)	85.0% (362)	71.0% (1021)	76.6% (1508)
Age distribution of household members (incl. resp.):					
0-12	11.2%	4.5%	5.9%	11.5%	9.5%
13-18	8.1%	4.5%	5.1%	10.5%	8.3%
19-25	8.1%	10.9%	6.6%	9.6%	8.4%
26-35	20.3%	15.5%	14.7%	19.8%	18.1%
36-45	18.3%	24.5%	21.1%	26.8%	23.8%
46-55	14.2%	20.9%	20.3%	11.7%	15.0%
56-65	12.7%	10.0%	19.0%	5.6%	11.0%
>65	7.1% (82)	9.1% (45)	7.4% (376)	4.4% (987)	5.8% (1490)
Distribution of age when first fished in Mexico:					
0-12	19.7%	14.0%	15.1%	15.6%	15.9%
13-18	14.0%	7.0%	11.5%	18.0%	15.2%
19-25	13.2%	14.0%	16.3%	16.4%	15.9%
26-35	24.0%	33.7%	24.5%	28.9%	26.9%
36-45	16.6%	19.8%	17.2%	14.3%	15.6%
46-55	5.0%	8.1%	11.2%	4.8%	7.0%
56-65	5.6%	3.5%	3.9%	1.3%	2.7%
>65	2.0% (74)	0.0% (36)	0.3% (357)	0.6% (908)	0.7% (1375)

<sup>1</sup> Obtained by weighting the values for weekly, monthly, annual and CPFV-only license types by the proportion of angling households represented by each license type (from Table 5.1-2).

Table 5.3-1. Distribution of respondents by education level and predominant mode of fishing.<sup>1</sup>

Education Level	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trip Boat	At-Sea Priv Boat	Moored Priv Boat
< 8th grade	0.6%	0.4%	0.4%	0.0%	1.0%	0.7%
8th grade graduate	1.4%	2.0%	1.6%	1.0%	1.9%	2.9%
High school grad	31.4%	32.0%	28.7%	32.8%	30.5%	22.3%
2-year college grad	27.7%	24.1%	26.0%	25.8%	24.3%	20.9%
4-year college grad	38.8%	41.5%	43.3%	39.1%	42.4%	53.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	(834)	(971)	(450)	(396)	(486)	(139)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

Table 5.3-2. Distribution of respondents by employment category and predominant mode of fishing.<sup>1</sup>

Employment Category	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
Blue collar	17.4%	14.9%	12.7%	11.8%	13.4%	6.3%
Clerical	0.8%	0.6%	1.1%	0.8%	0.8%	0.0%
Managerial	20.1%	19.7%	22.4%	13.8%	17.1%	11.3%
Professional	35.3%	33.8%	33.1%	30.4%	32.0%	28.9%
Part time	3.6%	2.6%	2.7%	3.0%	1.9%	6.3%
Retired	10.9%	17.6%	16.0%	26.4%	21.0%	33.8%
Other	11.8%	10.8%	12.0%	13.8%	13.8%	13.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	(832)	(973)	(450)	(398)	(485)	(142)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

Table 5.3-3. Distribution of respondents by annual household income and predominant mode of fishing.<sup>1</sup>

Income Category	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
<\$10K	1.0%	0.4%	0.5%	0.8%	1.3%	3.0%
\$ 10K-20K	3.7%	2.6%	3.5%	4.6%	3.1%	6.8%
\$ 20K-30K	7.5%	6.1%	4.6%	9.7%	6.7%	6.1%
\$ 30K-40K	13.1%	10.1%	11.4%	13.4%	12.0%	12.9%
\$ 40K-50K	14.7%	12.3%	10.2%	15.3%	12.2%	15.2%
\$ 50K-60K	14.4%*	11.4%	11.6%	15.0%*	15.1%*	11.4%*
\$ 60K-70K	7.6%	7.7%*	9.5%*	8.0%	9.1%	6.1%
\$ 70K-80K	8.9%	9.5%	8.8%	10.5%	6.9%	11.4%
\$ 80K-90K	7.5%	6.0%	6.7%	5.6%	9.5%	3.8%
\$ 90K-100K	4.7%	5.2%	5.6%	4.8%	5.5%	5.3%
\$100K-110K	5.0%	7.3%	4.4%	3.8%	3.8%	6.8%
\$110K-120K	2.0%	2.8%	3.0%	1.3%	2.4%	1.5%
\$120K-130K	1.3%	2.7%	3.2%	1.9%	1.1%	0.0%
\$130K-140K	1.2%	2.3%	1.6%	1.6%	0.9%	0.8%
\$140K-150K	1.2%	2.0%	1.2%	0.8%	1.1%	0.8%
>\$150K	6.3%	11.5%	14.2%	2.9%	9.3%	8.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	(763)	(915)	(431)	(373)	(451)	(132)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

\* denotes median income category.

Table 5.3-4. Distribution of respondents by ethnic background and predominant mode of fishing.<sup>1</sup>

Ethnic Background	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
Hispanic	5.9%	4.5%	8.3%	6.0%	5.6%	3.5%
Non-Hispanic White	79.2%	84.7%	83.7%	90.0%	86.4%	91.5%
Black	1.4%	1.0%	1.1%	0.3%	1.2%	0.7%
Asian	11.6%	8.8%	6.3%	3.8%	5.8%	3.6%
Other	2.3%	1.8%	1.8%	0.8%	2.3%	1.4%
Total <sup>2</sup>	100.4%	100.8%	101.2%	100.9%	101.3%	100.7%
	(831)	(967)	(448)	(397)	(478)	(141)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

<sup>2</sup> Totals may sum to greater than 100.0%, since some respondents belonged to more than one ethnic category.

Table 5.3-5. Distribution of respondents by fishing ability and predominant mode of fishing.<sup>1</sup>

Fishing Ability	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
Novice	6.8%	3.9%	4.0%	6.1%	6.4%	12.0%
Novice-Intermediate	6.5%	5.5%	4.9%	6.1%	6.0%	10.6%
Intermediate	36.6%	32.6%	35.9%	41.5%	36.6%	34.5%
Intermediate-Expert	38.0%	45.1%	42.8%	34.2%	38.5%	27.5%
Expert	12.1%	12.8%	12.4%	12.2%	12.4%	15.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	(836)	(973)	(451)	(395)	(483)	(142)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

Table 5.3-6. Selected respondent and household characteristics, by respondent's predominant mode of fishing.<sup>1</sup>

Respondent/Household Characteristic	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
<b>Respondent:</b>						
% male	96.6% (792)	97.6% (910)	98.4% (437)	97.9% (377)	96.3% (462)	97.2% (142)
Avg age (years)	43.0 (820)	46.7 (963)	46.2 (451)	48.1 (392)	47.0 (482)	49.3 (144)
Saltwater fishing experience (years)	21.2 (812)	24.6 (959)	24.5 (448)	25.9 (382)	24.8 (477)	24.3 (136)
Avg age when first fished in Mexico (yrs)	27.7 (754)	29.1 (883)	28.7 (421)	30.3 (376)	29.8 (432)	32.3 (129)
<b>Household (including respondent):</b>						
Avg household size	2.2 (829)	2.1 (970)	2.4 (455)	2.4 (395)	2.3 (488)	2.4 (148)
% male	74.8% (797)	75.4% (913)	71.6% (438)	68.9% (381)	72.3% (464)	67.0% (142)
% ever fished in Mexico	78.0% (756)	79.3% (886)	82.7% (419)	84.9% (380)	81.0% (449)	80.9% (137)

Table 5.3-6 (cont.).

Respondent/Household Characteristic	Predominant Mode of Fishing					
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat
<b>Household (including respondent) (cont.):</b>						
Age distribution of household members:						
0-12	10.1%	9.7%	7.9%	9.1%	7.6%	3.6%
13-18	8.1%	6.6%	6.8%	6.7%	6.2%	7.4%
19-25	8.4%	6.8%	10.5%	7.4%	6.5%	9.2%
26-35	22.6%	19.2%	18.2%	15.7%	19.4%	14.8%
36-45	25.1%	22.4%	21.1%	23.6%	21.0%	19.9%
46-55	13.6%	17.2%	18.3%	16.0%	20.1%	21.4%
56-65	8.2%	11.1%	13.0%	14.2%	11.9%	15.7%
>65	4.0%	6.9%	4.2%	7.3%	7.2%	8.0%
	(820)	(963)	(451)	(392)	(482)	(144)
<b>Distribution of age when first fished in Mexico:</b>						
0-12	17.9%	16.0%	17.3%	20.3%	18.8%	18.6%
13-18	16.4%	14.5%	14.9%	11.1%	13.7%	7.8%
19-25	18.0%	18.1%	17.9%	16.0%	13.7%	17.1%
26-35	28.4%	26.8%	26.3%	24.6%	27.1%	25.7%
36-45	13.3%	15.9%	15.0%	16.4%	14.9%	14.9%
46-55	4.0%	6.3%	5.5%	7.2%	8.8%	9.7%
56-65	1.5%	2.0%	2.6%	3.6%	2.3%	4.8%
>65	0.5%	0.4%	0.5%	0.8%	0.6%	1.5%
	(754)	(883)	(421)	(376)	(432)	(129)

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

Table 5.3-7. Estimated average annual number of fishing trips made in each boat-based fishing mode, by respondent's predominant mode of fishing.<sup>1</sup>

Average # Trips/Year	Predominant Mode of Fishing						
	One-Day CPFV	Multi-Day CPFV	Panga/ Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat	
One-Day CPFV	2.96	0.37	0.46	0.22	1.03	0.19	
Multi-Day CPFV	0.65	1.61	0.50	0.12	0.52	0.28	
Panga/Cruiser	0.34	0.23	1.99	0.32	0.41	0.40	
Cartop/Trailer Boat	0.08	0.03	0.28	2.50	0.29	0.28	
At-Sea Private Boat	0.49	0.18	0.29	0.28	4.18	0.33	
Moored Private Boat	0.04	0.03	0.12	0.10	0.13	2.58	
Total	4.57	2.45	3.65	3.55	6.55	4.07	
	(846)	(986)	(467)	(408)	(494)	(150)	

<sup>1</sup> Predominant mode is the fishing mode in which the respondent made a plurality of his/her fishing trips in the previous year.

Table 5.4.1-1. Selected attributes of one-day and multi-day CPFV trips.

Trip Attribute	One-Day CPFV	Multi-Day CPFV
<b>Trip Type:</b>		
Open party boat	21.2%	6.9%
Open party boat w/limited load	24.6%	52.7%
Charter boat	54.2%	40.4%
	(581)	(1134)
<b>Gear type:</b>		
Hook-and-line gear only	97.8%	98.9%
Spearfishing gear only	1.6%	0.5%
Hook-and-line and spearfishing gear	0.7%	0.5%
	(578)	(1138)
<b>Main mode of transportation between home and boat departure site:</b>		
Car	90.5%	87.6%
Camper/motorhome	4.5%	4.4%
Airplane	5.0%	8.0%
	(579)	(1128)
<b>Main reason for coming to San Diego:</b>		
Already live there	31.7%	14.5%
Fishing	60.7%	82.7%
Other leisure	3.1%	0.9%
Business	1.1%	0.4%
Visit relatives/friends	3.1%	1.1%
Other	0.9%	1.5%
	(559)	(1043)
<b>Composition of fishing party:</b>		
Going alone	14.3%	22.5%
Accompanied by household members only	10.8%	8.0%
Accompanied by non-household members only	60.5%	59.7%
Accompanied by both household and non-household members	14.4%	9.8%
	(575)	(1124)

Table 5.4.1-1 (cont.).

Trip Attribute	One-Day CPFV	Multi-Day CPFV
1. Trips where respondent fished alone:		
Avg # in fishing party	1.0 (82)	1.0 (253)
% > 18 yrs	100.0% (79)	98.4% (243)
% male	93.5% (77)	99.1% (232)
2. Trips where accompanied by household members only:		
Avg # in fishing party (incl. resp.)	2.3 (61)	2.2 (90)
% > 18 yrs	77.1% (53)	85.5% (84)
% male	75.8% (55)	79.6% (84)
3. Trips where accompanied by non-household members only:		
Avg # in fishing party (incl. resp.)	9.1 (343)	6.4 (666)
% > 18 yrs	95.4% (319)	97.3% (609)
% male	96.6% (313)	97.6% (601)
4. Trips where accompanied by household and non-household members:		
4a. Avg # household members (incl. resp.)	2.4 (82)	2.2 (110)
% > 18 yrs	78.1% (76)	87.7% (101)
% male	83.2% (76)	83.8% (96)
4b. Avg # non-household members	6.5 (83)	6.4 (109)
% > 18 yrs	89.7% (75)	91.8% (100)
% male	89.5% (79)	92.0% (105)
4c. Sum of 4a and 4b: <sup>1</sup>		
Avg # household & non-household members in fishing party (incl. resp.) <sup>1</sup>	8.9	8.6
% > 18 yrs	86.6%	90.8%
% male	87.8%	89.9%
All Trips: <sup>2</sup>		
Avg # in fishing party (incl. resp.)	7.2	5.1
% > 18 yrs	92.8%	96.3%
% male	93.0%	95.4%

Table 5.4.1-1 (cont.).

<sup>1</sup> **Avg # in fishing party** obtained by summing the corresponding values in 4a and 4b. **% > 18 yrs** and **% male** obtained by weighting the corresponding values from 4a and 4b by the proportion of individuals in the fishing party consisting of household and non-household members respectively.

<sup>2</sup> **Avg # in fishing party** obtained by weighting the corresponding values from categories 1, 2, 3 and 4c by the proportion of total trips accounted for by each category (as described in **Composition of fishing party**). The same weighting procedure was also used to compute **% > 18 yrs** and **% male**.

Table 5.4.1-2. Selected attributes of non-CPFV trips, by fishing mode.

Trip Attribute	Panga/ Cruiser	Cartop Carried/ Trailered Boat	At-Sea Priv Boat	Moored Priv Boat
Avg trip length (days)	9.3 (119)	17.6 (301)	12.8 (156)	49.5 (62)
Avg days fished per trip	3.8 (118)	8.0 (302)	4.4 (150)	10.7 (65)
Reason for trip to Mexico:				
Fishing	83.2%	76.2%	79.2%	44.6%
Other leisure	19.3%	18.9%	14.5%	41.5%
Other	4.2% (119)	10.3% (302)	6.3% (159)	20.0% (65)
Gear type:				
Hook-and-line gear only	90.8%	82.5%	92.5%	87.7%
Spearfishing gear only	0.8%	3.3%	0.0%	0.0%
Hook-and-line and spearfishing gear	8.4% (119)	14.2% (302)	7.5% (160)	12.3% (65)
Fishing mode:				
Boat and shore	28.6%	33.4%	3.1%	6.2%
Boat only	71.4% (119)	66.6% (119)	96.9% (160)	93.8% (65)
Most fishing within 3 miles of shore	47.9% (119)	69.3% (296)	25.0% (156)	43.8% (64)
Participate in fishing tournament	0.0% (118)	1.7% (302)	6.3% (160)	3.1% (65)
Main mode of transportation between U.S. and Mexico:				
Car/van/truck	50.4%	72.8%	7.0%	35.9%
Camper/motorhome	9.2%	22.5%	0.0%	4.7%
Boat/yacht	2.5%	0.3%	89.2%	28.1%
Airplane	37.8%	3.6%	3.8%	29.7%
Other	0.0% (119)	0.7% (302)	0.0% (158)	1.6% (64)

Table 5.4.1-2 (cont.).

Trip Attribute	Panga/ Cruiser	Cartop Carried/ Trailered Boat	At-Sea Priv Boat	Moored Priv Boat
<b>Sleeping arrangements:</b>				
None necessary	2.5%	0.7%	45.2%	1.6%
Hotel	62.2%	26.3%	4.5%	21.0%
Tent/camper/motorhome	28.6%	73.7%	4.5%	14.5%
Boat/yacht	4.2%	3.7%	47.1%	43.5%
Home of friend in Mexico	10.1%	4.0%	1.3%	8.1%
Own home in Mexico	2.5%	2.4%	1.3%	22.6%
Other	3.4%	5.1%	0.6%	6.5%
	(119)	(297)	(157)	(62)
<b>Composition of fishing party:</b>				
Going alone	11.2%	6.0%	9.4%	7.8%
Accompanied by household members only	15.8%	23.1%	19.3%	27.0%
Accompanied by non-household members only	58.0%	42.5%	50.1%	38.1%
Accompanied by both household & non-household members	14.9%	28.4%	21.2%	27.0%
	(116)	(302)	(160)	(64)
<b>1. Trips where respondent fished alone:</b>				
Avg # in fishing party	1.0	1.0	1.0	1.0
	(13)	(18)	(15)	(5)
% > 18 yrs	100.0%	100.0%	100.0%	100.0%
	(13)	(17)	(14)	(5)
% male	91.7%	100.0%	100.0%	100.0%
	(12)	(16)	(14)	(4)
<b>2. Trips where accompanied by household members only:</b>				
Avg # in fishing party (incl. resp.)	2.3	2.3	2.2	2.0
	(18)	(69)	(30)	(17)
% > 18 yrs	95.4%	90.2%	90.0%	100.0%
	(18)	(63)	(30)	(17)
% male	54.6%	58.8%	57.2%	50.0%
	(18)	(61)	(30)	(15)
% who fished during the trip	85.7%	87.3%	89.2%	79.4%
	(18)	(69)	(30)	(17)

Table 5.4.1-2 (cont.).

Trip Attribute	Panga/ Cruiser		Cartop Carried/ Trailered Boat		At-Sea Priv Boat		Moored Priv Boat	
3. Trips where accompanied by non-household members only:								
Avg # in fishing party (incl resp.)	3.8 (66)	3.6 (127)	3.4 (78)	3.5 (24)				
% > 18 yrs	96.0%	95.9%	96.5%	97.4%				
% male	(64)	(124)	(76)	(22)				
% who fished during the trip	93.8%	93.1%	93.6%	98.6%				
	(65)	(123)	(76)	(20)				
	97.2%	97.4%	96.4%	98.6%				
	(66)	(127)	(78)	(24)				
4. Trips where accompanied by both household and non-household members:								
4a. Avg # household members	2.2 (17)	2.3 (85)	2.3 (33)	2.1 (17)				
(incl. resp.)								
% > 18 yrs	91.2%	91.0%	81.5%	96.9%				
% male	(17)	(83)	(32)	(16)				
% who fished during the trip	57.8%	63.0%	64.7%	53.9%				
	(17)	(80)	(33)	(17)				
	81.4%	85.5%	93.2%	92.2%				
	(17)	(85)	(33)	(17)				
4b. Avg # non-household members	2.2 (17)	2.7 (85)	2.2 (33)	2.5 (17)				
% > 18 yrs	90.0%	88.0%	88.9%	92.9%				
% male	(17)	(85)	(33)	(17)				
% who fished during the trip	55.6%	68.2%	81.0%	78.0%				
	(17)	(85)	(33)	(17)				
	73.5%	85.4%	87.8%	85.3%				
	(17)	(85)	(33)	(17)				
4c. Sum of 4a and 4b: <sup>1</sup>								
Avg # household % non-household members	4.4	5.0	4.5	4.6				
in fishing party (incl resp.)								
% > 18 yrs	90.6%	89.4%	85.2%	94.7%				
% male	56.7%	65.8%	72.7%	67.0%				
% who fished during the trip	77.5%	85.4%	90.5%	88.5%				
All Trips: <sup>2</sup>								
Avg # in fishing party (incl resp.)	3.3	3.5	3.2	3.2				
% > 18 yrs	95.5%	93.0%	93.2%	97.5%				
% male	82.6%	77.7%	82.1%	77.0%				
% who fished during the trip	92.7%	91.8%	94.1%	90.7%				

Table 5.4.1-2 (cont.).

<sup>1</sup> **Avg # in fishing party** obtained by summing the corresponding values in 4a and 4b. **% > 18 yrs** and **% male** obtained by weighting the corresponding values from 4a and 4b by the proportion of individuals in the fishing party consisting of household and non-household members respectively.

<sup>2</sup> **Avg # in fishing party** obtained by weighting the corresponding values from categories 1, 2, 3 and 4c by the proportion of total trips accounted for by each category (as described in **Composition of fishing party**). The same weighting procedure was also used to compute **% > 18 yrs**, **% male** and **% who fished during the trip**.

Table 5.4.2-1. Estimated distribution of respondents' most recent fishing trip, by fishing area and mode.<sup>1</sup>

Fishing Area	Fishing Mode							All Modes <sup>2</sup>
	One-Day CPFV	Multi-Day CPFV	Panga/Cruiser	Cartop/Trlr Boat	At-Sea Priv Boat	Moored Priv Boat		
1	100.0%	4.7%	9.6%	9.7%	80.0%	20.6%	62.2%	
2		41.1%	10.5%	7.6%	15.5%	14.3%	8.9%	
3		7.2%	0.9%	1.1%	3.9%	0.0%	1.6%	
4		27.0%	2.6%	2.2%	8.4%	11.1%	4.7%	
5		6.6%	0.9%	1.1%	1.9%	0.0%	1.1%	
6		16.8%	4.4%	3.6%	8.4%	19.0%	4.7%	
7		7.8%	0.9%	0.4%	0.6%	0.0%	0.9%	
8		0.5%	0.9%	0.4%	0.6%	1.6%	0.4%	
9		0.5%	36.8%	18.1%	11.6%	42.9%	10.3%	
10		0.8%	10.5%	5.4%	8.4%	27.0%	4.6%	
11		0.3%	28.9%	21.3%	5.8%	22.2%	8.3%	
12		0.1%	12.3%	36.1%	5.2%	20.6%	9.3%	
13		0.4%	14.9%	24.5%	1.3%	7.9%	6.2%	
14		0.1%	2.6%	5.8%	0.0%	3.2%	1.4%	
15		0.2%	5.3%	2.0%	0.6%	0.0%	1.1%	
Total <sup>3</sup>	100.0%	114.1%	142.0%	139.3%	152.2%	190.4%	125.7%	
		(1037)	(114)	(277)	(155)	(63)		

<sup>1</sup> See map in Appendix B for depiction of areas 1-15.

<sup>2</sup> Area 1 estimate obtained by weighting the proportion of trips occurring in each fishing mode in Area 1 by the corresponding share of total household trips accounted for by that mode (Table 5.1-2). The same weighting procedure was used to obtain estimates for areas 2-15.

<sup>3</sup> Totals may sum to greater than 100.0%, since some respondents reported fishing in more than one area on their most recent trip.

Table 5.4.3-1a. Distribution of respondents' most recent one-day CPFV trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	26.9%		81.8% (116)
Albacore	29.9%	3.6%	9.1% (131)
Other tuna	37.7%	20.2%	47.9% (173)
Yellowtail	51.1%	17.6%	28.4% (238)
Bon/barr/bass	21.9%	40.0%	82.8% (115)
Rockfish	24.3%	43.1%	86.2% (123)
Other	8.6%	21.8%	54.5% ( 40)
	(581)	(573)	

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 82.7%.

Table 5.4.3-1b. Distribution of respondents' most recent multi-day CPFV trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	10.0%		89.9% ( 88)
Albacore	47.1%	7.8%	14.2% (418)
Yellowfin tuna	81.8%	48.6%	56.5% (753)
Other tuna	58.6%	44.6%	61.9% (540)
Yellowtail	71.0%	50.5%	62.3% (652)
Dorado	37.8%	17.7%	38.4% (346)
Black sea bass	8.6%	3.4%	23.3% ( 80)
Grouper	7.8%	5.2%	35.1% ( 77)
Pargo	7.8%	9.0%	65.6% ( 70)
Wahoo	21.2%	14.6%	66.8% (201)
Striped marlin	1.5%	2.5%	47.1% ( 17)
Sailfish	0.4%	0.4%	--- ( 5)
Other	5.4%	26.3%	53.8% ( 54)
	(1134)	(1114)	

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 93.0%.

--- Sample size too small for accurate estimation.

Table 5.4.3-1c. Distribution of respondents' most recent panga/cruiser trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	22.9%		85.2% ( 21)
Albacore	1.7%	0.9%	---
Yellowfin tuna	38.1%	26.0%	( 2) 59.8%
Other tuna	3.4%	12.6%	( 40) ---
Yellowtail	30.5%	14.3%	( 4) 47.4%
Marlin	25.4%	17.0%	( 30) 51.9%
Sailfish	22.0%	17.9%	( 26) 62.9%
Dorado	59.3%	46.7%	( 22) 69.9%
Pompano	2.5%	2.7%	( 62) ---
Roosterfish	11.9%	6.3%	( 3) ---
Toro	0.8%	5.3%	( 13) ---
Wahoo	17.8%	8.1%	( 1) 25.0%
Black sea bass	0.8%	1.8%	( 19) ---
White sea bass	3.4%	0.0%	( 1) ---
Cabrilla	12.7%	22.5%	( 3) 66.6%
Grouper	9.3%	4.5%	( 14) ---
Pargo	14.4%	17.0%	( 10) 75.3%
Flatfish	5.1%	3.6%	( 15) ---
Other	8.5%	26.9%	( 5) ---
	(119)	(117)	( 7)

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 90.6%.

--- Sample size too small for accurate estimation.

Table 5.4.3-1d. Distribution of respondents' most recent cartop-carried/trailer boat trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	33.7%		90.9% ( 84)
Albacore	3.7%	1.1%	--- ( 10)
Yellowfin tuna	34.3%	21.5%	57.0% ( 91)
Other tuna	6.0%	10.6%	33.3% ( 18)
Yellowtail	36.7%	16.4%	38.0% ( 97)
Marlin	16.7%	6.6%	33.4% ( 44)
Sailfish	13.0%	8.3%	48.6% ( 35)
Dorado	50.7%	39.3%	72.6% (137)
Pompano	1.3%	2.9%	--- ( 3)
Roosterfish	10.3%	6.9%	39.3% ( 28)
Toro	2.0%	4.4%	--- ( 6)
Wahoo	11.3%	3.7%	22.6% ( 31)
Black sea bass	3.3%	1.5%	--- ( 7)
White sea bass	7.3%	5.1%	31.8% ( 18)
Cabrilla	23.7%	39.3%	79.1% ( 67)
Grouper	15.0%	10.6%	35.2% ( 38)
Pargo	15.3%	16.0%	51.3% ( 40)
Flatfish	9.0%	8.3%	53.9% ( 25)
Other	19.3%	45.5%	85.3% ( 46)
	(300)	(298)	

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 93.6%.

--- Sample size too small for accurate estimation.

Table 5.4.3-1e. Distribution of respondents' most recent at-sea private boat trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	38.8%		77.6% ( 40)
Albacore	16.3%	4.3%	1.9% ( 15)
Yellowfin tuna	35.6%	10.8%	22.4% ( 33)
Other tuna	25.0%	14.3%	28.9% ( 24)
Yellowtail	40.0%	13.6%	22.0% ( 42)
Marlin	18.8%	2.9%	--- ( 10)
Sailfish	4.4%	1.5%	--- ( 6)
Dorado	21.9%	13.6%	39.3% ( 25)
Pompano	0.0%	0.7%	--- ( 0)
Roosterfish	1.3%	0.0%	--- ( 2)
Toro	0.0%	1.5%	--- ( 0)
Wahoo	4.4%	2.1%	--- ( 5)
Black sea bass	3.1%	1.5%	--- ( 3)
White sea bass	8.8%	3.6%	--- ( 11)
Cabrilla	3.8%	5.7%	--- ( 6)
Grouper	3.8%	1.5%	--- ( 5)
Pargo	3.8%	4.3%	--- ( 5)
Flatfish	13.1%	11.5%	45.0% ( 18)
Other	13.1%	41.7%	90.5% ( 17)
	(160)	(153)	

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 73.2%.

--- Sample size too small for accurate estimation.

Table 5.4.3-1f. Distribution of respondents' most recent moored private boat trip by target species and species caught, and proportion of targeted trips where target species caught, by species.<sup>1</sup>

Target Species	% of Trips Where Species Targeted	% of Trips Where Species Caught <sup>2</sup>	% of Targeted Trips Where Target Species Caught
No partic spp	37.5%		91.7% (22)
Albacore	3.1%	1.7%	---
Yellowfin tuna	39.1%	25.7%	( 1) 37.8% (20)
Other tuna	6.3%	15.4%	---
Yellowtail	35.9%	13.7%	( 4) 25.0% (17)
Marlin	23.4%	15.4%	---
Sailfish	12.5%	15.4%	(13) ---
Dorado	60.9%	44.6%	( 7) 61.7% (32)
Pompano	1.6%	1.7%	---
Roosterfish	10.9%	5.2%	( 1) ---
Toro	3.1%	5.2%	( 6) ---
Wahoo	18.8%	5.2%	( 2) ---
Black sea bass	0.0%	0.0%	(10) ---
White sea bass	4.7%	8.6%	( 0) ---
Cabrilla	21.9%	17.1%	( 3) ---
Grouper	14.1%	10.3%	(10) ---
Pargo	9.4%	15.4%	( 4) ---
Flatfish	4.7%	3.4%	( 5) ---
Other	9.4%	37.7%	( 3) ---
	(64)	(65)	( 6)

<sup>1</sup> Percentages in second and third columns sum to greater than 100.0%, because some respondents indicated that more than one species was targeted and/or more than one species was caught on a given trip.

<sup>2</sup> The proportion of trips on which any catch was made was 89.2%.

--- Sample size too small for accurate estimation.

Table 5.4.3-2a. Estimated total 1991 catch, release and net catch (numbers of fish) and % released on one-day CPFV trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	2,016	403	1,613	20.0%
Other tuna	21,618	2,573	19,045	11.9%
Yellowtail	13,962	1,717	12,245	12.3%
Bon/barr/bass	72,403	25,631	46,772	35.4%
Rockfish	93,292	23,230	70,062	24.9%
Other	33,800	12,404	21,396	36.7%
<b>Total</b>	<b>237,091</b>	<b>65,958</b>	<b>171,133</b>	<b>27.8%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

Table 5.4.3-2b. Estimated total 1991 catch, release and net catch (numbers of fish) and % released on multi-day CPFV trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	868	24	844	2.8%
Yellowfin tuna	16,902	1,876	15,026	11.1%
Other tuna	12,583	2,441	10,142	19.4%
Yellowtail	12,658	2,329	10,329	18.4%
Dorado	4,236	644	3,592	15.2%
Black sea bass	220	85	135	38.4%
Grouper	933	88	845	9.4%
Pargo	2,457	204	2,253	8.3%
Wahoo	3,971	310	3,661	7.8%
Striped marlin	269	113	156	42.0%
Sailfish	---	---	---	---
Other	16,337	7,760	8,577	47.5%
<b>Total</b>	<b>71,434</b>	<b>15,874</b>	<b>55,560</b>	<b>22.2%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-2c. Estimated total 1991 catch, release and net catch and % released on panga/cruiser trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	---	---	---	---
Yellowfin tuna	4,862	559	4,303	11.5%
Other tuna	2,988	1,506	1,482	50.4%
Yellowtail	4,850	834	4,016	17.2%
Marlin	1,158	650	508	56.1%
Sailfish	2,319	1,162	1,157	50.1%
Dorado	19,377	5,464	13,913	28.2%
Pompano	---	---	---	---
Roosterfish	---	---	---	---
Toro	---	---	---	---
Wahoo	---	---	---	---
Black sea bass	---	---	---	---
White sea bass	---	---	---	---
Cabrilla	15,738	4,328	11,410	27.5%
Grouper	---	---	---	---
Pargo	4,708	998	3,710	21.2%
Flatfish	---	---	---	---
Other	20,393	5,282	15,111	25.9%
<b>Total</b>	<b>76,393</b>	<b>20,783</b>	<b>55,610</b>	<b>27.2%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-2d. Estimated total 1991 catch, release and net catch (numbers of fish) and % released on cartop-carried/trailerred boat trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	---	---	---	---
Yellowfin tuna	11,250	2,036	9,214	18.1%
Other tuna	7,042	4,648	2,394	66.0%
Yellowtail	11,634	2,792	8,842	24.0%
Marlin	1,505	1,284	221	85.3%
Sailfish	2,153	1,722	431	80.0%
Dorado	36,609	10,360	26,249	28.3%
Pompano	---	---	---	---
Roosterfish	1,653	1,160	493	70.2%
Toro	---	---	---	---
Wahoo	---	---	---	---
Black sea bass	---	---	---	---
White sea bass	2,485	432	2,053	17.4%
Cabrilla	111,796	50,979	60,817	45.6%
Grouper	5,537	1,700	3,837	30.7%
Pargo	7,191	1,237	5,954	17.2%
Flatfish	3,027	654	2,373	21.6%
Other	142,133	70,498	71,635	49.6%
<b>Total</b>	<b>344,015</b>	<b>149,502</b>	<b>194,513</b>	<b>43.5%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-2e. Estimated total 1991 catch, release and net catch (numbers of fish) and % released on at-sea private boat trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	---	---	---	---
Yellowfin tuna	5,167	971	4,196	18.8%
Other tuna	6,480	1,866	4,614	28.8%
Yellowtail	6,008	949	5,059	15.8%
Marlin	---	---	---	---
Sailfish	---	---	---	---
Dorado	7,028	1,609	5,419	22.9%
Pompano	---	---	---	---
Roosterfish	---	---	---	---
Toro	---	---	---	---
Wahoo	---	---	---	---
Black sea bass	---	---	---	---
White sea bass	---	---	---	---
Cabrilla	---	---	---	---
Grouper	---	---	---	---
Pargo	---	---	---	---
Flatfish	2,720	2,040	680	75.0%
Other	44,334	18,310	26,024	41.3%
<b>Total</b>	<b>71,737</b>	<b>25,745</b>	<b>45,992</b>	<b>35.9%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-2f. Estimated total 1991 catch, release and net catch (numbers of fish) and % released on moored private boat trips, by species.

Species	Total Catch	Total Release	Net Catch <sup>1</sup>	% Released <sup>2</sup>
Albacore	---	---	---	---
Yellowfin tuna	2,451	216	2,235	8.8%
Other tuna	---	---	---	---
Yellowtail	---	---	---	---
Marlin	---	---	---	---
Sailfish	---	---	---	---
Dorado	4,117	1,000	3,117	24.3%
Pompano	---	---	---	---
Roosterfish	---	---	---	---
Toro	---	---	---	---
Wahoo	---	---	---	---
Black sea bass	---	---	---	---
White sea bass	---	---	---	---
Cabrilla	---	---	---	---
Grouper	---	---	---	---
Pargo	---	---	---	---
Flatfish	---	---	---	---
Other	13,674	6,673	7,001	48.8%
<b>Total</b>	<b>20,242</b>	<b>7,889</b>	<b>12,353</b>	<b>39.0%</b>

<sup>1</sup> Net Catch = Total Catch - Total Release.

<sup>2</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-3. Estimated total 1991 catch, release and net catch in all boat-based fishing modes (numbers of fish) and % released, by species.<sup>1</sup>

Species	Total Catch	Total Release	Net Catch <sup>2</sup>	% Released <sup>3</sup>
Albacore	2,884	427	2,457	14.8%
Yellowfin & other tuna	91,343	18,692	72,651	20.5%
Yellowtail	49,112	8,621	40,491	17.6%
Marlin	2,932	2,047	885	69.8%
Sailfish	4,472	2,884	1,588	64.5%
Dorado	71,367	19,077	52,290	26.7%
Pompano	---	---	---	---
Roosterfish	1,653	1,160	493	70.2%
Toro	---	---	---	---
Wahoo	3,971	310	3,661	7.8%
Black sea bass	220	85	135	38.6%
White sea bass	2,485	432	2,053	17.4%
Cabrilla	127,534	55,307	72,227	43.4%
Grouper	6,470	1,788	4,682	27.6%
Pargo	14,356	2,439	11,917	17.0%
Flatfish	5,747	2,694	3,053	46.9%
Bonito/Barr/Bass	72,403	25,631	46,772	35.4%
Rockfish	93,292	23,230	70,062	24.9%
Other	270,671	120,927	149,744	44.7%
<b>Total</b>	<b>820,912</b>	<b>285,751</b>	<b>535,161</b>	<b>34.8%</b>

<sup>1</sup> Obtained by summing appropriately from Tables 5.4.3-2a to 5.4.3-2f.

<sup>2</sup> Net Catch = Total Catch - Total Release.

<sup>3</sup> % Released = Total Release ÷ Total Catch.

--- Amount negligible. Sample size too small for accurate estimation.

Table 5.4.3-4. Estimated total 1991 catch, release and net catch of all species (numbers of fish) and % released, by fishing mode.<sup>1</sup>

Fishing Mode	Total Catch	Total Release	Net Catch <sup>2</sup>	% Released <sup>3</sup>
One-Day CPFV	237,091	65,958	171,133	27.8%
Multi-Day CPFV	71,434	15,874	55,560	22.2%
Cruiser/Panga	76,393	20,783	55,610	27.2%
Trailerred Boat	344,015	149,502	194,513	43.5%
At-Sea Priv Boat	71,737	25,745	45,992	35.9%
Moored Priv Boat	20,242	7,889	12,353	39.0%
<b>Total</b>	<b>820,912</b>	<b>285,751</b>	<b>535,161</b>	<b>34.8%</b>

<sup>1</sup> Obtained by summing appropriately from Tables 5.4.3-2a to 5.4.3-2f.

<sup>2</sup> Net Catch = Total Catch - Total Release.

<sup>3</sup> % Released = Total Release ÷ Total Catch.

Table 5.4.4-1a. Estimated average expenditures per one-day CPFV household trip, by expenditure category.

Expenditure Category	\$ Amount
-----	
Avg expenditures/household trip	
Lodging (8.5% of trips @ \$163.10; n=575,49) <sup>1</sup>	\$ 13.86
Airfare between home and San Diego (5.0% of trips @ \$351.56; n=579,25)	17.58
Mileage cost between home and San Diego landing (95.0% of trips @ 129.4 miles/trip & \$0.25/mile; n=579,533)	30.73
CPFV passenger fees (93.4% of trips @ \$183.87; n=547,511)	171.73
Fishing gear/tackle bought or rented specifically for the trip (57.2% of trips @ \$71.56; n=547,313)	40.93
Food and beverages aboard the boat (85.9% of trips @ \$25.05; n=547,470)	21.52
Tips (74.0% of trips @ \$16.84; n=547,405)	12.46
Fish canning/filleting/smoking/shipping (31.4% of trips @ \$12.48; n=547,172)	3.92
Fish mounting (0.0% of trips; n=547)	0.00
-----	
Total	\$ 312.73
-----	

<sup>1</sup> Indicates that lodging costs were incurred on 8.5% of trips (based on a sample size of 575) and that the average cost per trip for those trips where lodging costs were incurred was \$163.10 (based on a sample size of 49). Similar interpretation can be given to corresponding phrases associated with other expenditure categories.

Table 5.4.4-1b. Estimated average expenditures per multi-day CPFV household trip, by expenditure category.

Expenditure Category	\$ Amount
-----	
Avg expenditures/household trip	
Lodging (9.8% of trips at \$254.69/trip; n=1119,106) <sup>1</sup>	\$ 24.96
Airfare between home and San Diego (8.0% of trips @ \$288.01; n=1128,84)	23.04
Airfare from Mexico to San Diego (5.2% of trips @ \$233.88; n=1123,56)	12.16
Mileage cost between home and San Diego (92.0% of trips @ 155.5 miles/trip & \$0.25/mile; n=1128,1025)	35.77
CPFV passenger fees (including meals) (97.0% of trips @ \$1051.30; n=1104,1071)	1,019.76
Fishing gear/tackle bought or rented specifically for the trip (76.1% of trips @ \$308.63; n=1104,840)	234.87
Beverages consumed during the trip but not covered by the CPFV passenger fees (84.3% of trips @ \$35.78; n=1104,931)	30.16
Tips (89.6% of trips @ \$81.81; n=1104,989)	73.30
Fish canning/filleting/smoking/shipping (29.0% of trips @ \$80.63; n=1104,320)	23.38
Fish mounting (2.2% of trips @ \$489.58; n=1104,24)	10.77
-----	
Total	\$ 1,488.17
-----	

<sup>1</sup> Indicates that lodging costs were incurred on 9.8% of trips (based on a sample size of 1119) and that the average cost per trip for those trips where lodging costs were incurred was \$254.69 (based on a sample size of 106). Similar interpretation can be given to corresponding phrases associated with other expenditure categories.

Table 5.4.4-1c. Estimated average expenditures per household trip for non-CPFV boat modes, by expenditure category.

Expenditure Category	Panga/Cruiser	Cartop Carried/ Trailer Boat	At-Sea Boat/Yacht	Moored Boat/Yacht
Travel package (20.3% of trips):				
Package Costs	\$ 968.87 (23)			
Other Costs	709.35 (20)			
Total Costs	\$1,678.22			
Non-travel package (79.7% of trips):				
Airfare	\$ 126.63 (21.7%@\$583.56) <sup>1</sup> n=115,25	\$ 22.21 (5.6%@\$396.56) n=284,16	\$ 60.51 (10.3%@\$587.50) n=117,12	\$ 231.88 (37.1%@\$625.00) n=62,23
Airport/hotel transfer	\$ 13.71 (18.3%@\$74.90) n=115,21	\$ 1.26 (2.1%@\$60.00) n=284,6	\$ 5.74 (6.0%@\$95.71) n=117,7	\$ 13.68 (14.5%@\$94.33) n=62,9
Car rental in Mexico	\$ 19.53 (7.0%@\$279.00) n=115,8	\$ 3.61 (1.4%@\$257.50) n=284,4	\$ 9.44 (3.4%@\$277.50) n=117,4	\$ 11.20 (3.2%@\$350.00) n=62,2
Gasoline, oil and Mexican insurance	\$ 164.88 (61.7%@\$267.23) n=115,71	\$ 324.35 (94.4%@\$343.59) n=284,268	\$ 81.34 (24.8%@\$327.97) n=117,29	\$ 160.63 (53.2%@\$301.94) n=62,33
Lodging	\$ 187.39 (56.5%@\$331.66) n=115,65	\$ 134.88 (59.9%@\$225.17) n=284,170	\$ 69.60 (14.5%@\$480.00) n=117,17	\$ 342.30 (46.8%@\$731.41) n=62,29
Food and beverages	\$ 246.20 (79.1%@\$311.25) n=115,91	\$ 213.07 (86.3%@\$246.89) n=284,245	\$ 186.43 (43.6%@\$427.59) n=117,51	\$ 424.91 (75.8%@\$560.57) n=62,47
Fishing boat and guide	\$ 205.99 (68.7%@\$299.84) n=115,79	\$ 25.07 (16.2%@\$154.78) n=284,46	\$ 76.66 (15.4%@\$497.78) n=117,18	\$ 84.19 (22.6%@\$372.50) n=62,14

Table 5.4.4-1c (cont.)

Expenditure Category	Panga/Cruiser	Cartop Carried/ Trailerred Boat	At-Sea Boat/Yacht	Moored Boat/Yacht
Gear/tackle bought/rented specifically for the trip	\$ 70.39 (32.1%@\$219.27) n=115,37	\$ 55.80 (42.6%@\$130.98) n=284,121	\$ 62.42 (26.5%@\$235.55) n=117,31	\$ 54.50 (33.9%@\$160.76) n=62,21
Bait	\$ 9.41 (32.1%@\$29.30) n=115,37	\$ 9.64 (29.6%@\$32.56) n=284,84	\$ 15.19 (41.0%@\$37.06) n=117,48	\$ 18.61 (29.0%@\$64.17) n=62,18
Fishing license	\$ 26.13 (54.8%@\$47.68) n=115,63	\$ 30.01 (72.2%@\$41.56) n=284,205	\$ 57.62 (69.2%@\$83.27) n=117,81	\$ 61.17 (59.7%@\$102.46) n=62,37
Fish filleting/packaging/ freezing	\$ 7.74 (16.5%@\$46.89) n=115,19	\$ 3.78 (8.8%@\$43.00) n=284,25	\$ 4.58 (9.4%@\$48.73) n=117,11	\$ 7.52 (4.8%@\$156.67) n=62,3
Fish mounting	\$ 10.32 (4.3%@\$240.00) n=115,5	\$ 19.06 (13.0%@\$146.62) n=284,37	\$ 5.24 (1.7%@\$308.00) n=117,2	\$ 21.50 (9.7%@\$221.67) n=62,6
Souvenirs	\$ 42.02 (36.5%@\$115.12) n=115,42	\$ 37.24 (41.5%@\$89.73) n=284,118	\$ 19.07 (12.8%@\$149.00) n=117,15	\$ 22.89 (27.4%@\$83.53) n=62,17
Misc expenses	\$ 71.64 (49.6%@\$144.44) n=115,57	\$ 101.03 (67.3%@\$150.12) n=284,191	\$ 33.16 (35.9%@\$92.38) n=117,42	\$ 120.45 (59.7%@\$201.76) n=62,37
Other	\$ 25.97 (10.4%@\$249.75) n=115,12	\$ 59.06 (20.4%@\$289.53) n=284,58	\$ 136.18 (12.8%@\$1,063.93) n=117,15	\$ 191.94 (21.0%@\$914.00) n=62,13
<b>Total</b>	<b>\$1,227.95</b>	<b>\$1,040.07</b>	<b>\$ 823.18</b>	<b>\$1,767.37</b>
<b>Weighted average<sup>2</sup></b>	<b>\$1,319.36</b>			

Table 5.4.4-1C (cont.)

<sup>1</sup> Indicates that airfare costs were incurred on 21.7% of panga/cruiser trips (based on a sample size of 115) and that the average cost per trip for those trips where airfare costs were incurred was \$583.56 (based on a sample size of 25). Similar interpretation can be given to corresponding phrases associated with other expenditure categories.

<sup>2</sup> Computed by weighting average expenditures per trip for travel package and non-travel package trips by the proportion of trips in each category ( $\$1,678.22 \times 20.3\% + \$1,227.95 \times 79.7\%$ ).

Table 5.4.4-2. Estimated total trip expenditures in 1991, by fishing mode.

Fishing Mode	Expenditures per Household Trip <sup>1</sup>	Total Number Household Trips <sup>2</sup>	Total Expenditures <sup>3</sup>
One-Day CPFV	\$ 313	44,288	\$13,862,144
Multi-Day CPFV	1,488	7,824	11,642,112
Panga/Cruiser	1,319	8,556	11,285,364
Cartop/Trailerred Boat	1,040	18,143	18,868,720
At-Sea Private Boat	823	19,491	16,041,093
Moored Private Boat	1,767	4,133	7,303,011
<b>Total</b>		<b>102,435</b>	<b>\$79,002,444</b>

<sup>1</sup> Obtained from Tables 5.4.4-1a to 5.4.4.-1c.

<sup>2</sup> Obtained from Table 5.1-2.

<sup>3</sup> Total Expenditures = Expenditures per Household Trip x Total Number Household Trips.

APPENDIX A-1.

ONE-DAY CPFV SURVEY INSTRUMENT



GOVERNMENT OF MEXICO  
DEPARTMENT OF FISHERIES  
REPRESENTATION IN THE U.S.

Dear Angler,

The Mexican Department of Fisheries is conducting a survey of U.S. anglers who fish in Mexican waters (including the Coronado Islands). The purpose of the survey is to get a better understanding of our recreational fishing industry and promote better management of our marine resources. You are receiving this letter because we have randomly chosen your name from a list of people who recently purchased a Mexican fishing license.

We ask that the person in your household who has made the most fishing trips to Mexico in the past 12 months fill out the enclosed questionnaire. The questionnaire asks about the number of times you fished in Mexican waters in the past 12 months, details of your most recent one-day or overnight trip to Mexican waters from a sportfishing boat, and some information about your household. People who have filled it out say it takes about 15 minutes to complete--sometimes more, sometimes less.

Even if people in your household fish only occasionally in Mexico, we would like to hear from you. Your answers are very important because they reflect your views and experiences as well as the views and experiences of other anglers like you.

Your responses are strictly confidential. Information that you provide will be grouped with information from other survey respondents to provide us with much-needed information regarding the recreational fishing industry.

Thank you for your assistance with this very important survey.

Sincerely,

A handwritten signature in black ink, appearing to read "Santiago I. Gomez", with a large, sweeping flourish at the end.

Santiago I. Gomez  
U.S. Representative



GOVERNMENT OF MEXICO  
DEPARTMENT OF FISHERIES  
QUESTIONNAIRE

**REMINDER:** We ask that the questionnaire be filled out by the household member who has made the most fishing trips to Mexico in the past 12 months.

Please read all instructions carefully. Each question is accompanied by a specific instruction such as "Fill in the blank" or "Circle one number." If a group of questions does not pertain to you, you will be instructed to skip ahead to a later question.

To help us understand your responses, we want to be sure that we are "speaking a common language." We have listed definitions of some of the key words in this questionnaire.

**Fishing Trip:** For purposes of this survey, a fishing trip starts when you leave your home in the U.S. and ends when you return to your home in the U.S., even if fishing was only one of several leisure activities enjoyed during the trip. A trip can last for a day or for a number of days or weeks.

**Fishing Trip to Mexico:** A trip on which you used hook-and-line or spearfishing gear to 1) fish from shore in Mexico, or 2) fish in Mexican waters from a boat that you boarded in the U.S. or Mexico. Mexican waters include the Coronado Islands.

**Household:** You and the other persons who live with you in your house or apartment. However, if you are in the military or in school and live in group quarters, all questions should be answered only about you.

**IN THIS FIRST SECTION WE ASK YOU ABOUT THE DIFFERENT TYPES OF FISHING TRIPS THAT YOU HAVE TAKEN IN MEXICAN WATERS IN THE PAST 12 MONTHS.**

1. How many fishing trips did you personally take to Mexico in the past 12 months? (FILL IN THE BLANK)

\_\_\_\_\_ trips

2. How many of the trips that you made to Mexico in the past 12 months involved fishing from:

a. shore (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

b. a kayak, canoe, inflatable, skiff or boat that was cartop-carried or trailered to Mexico? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

c. a cruiser or open boat (panga) chartered in Mexico with a Mexican guide? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

d. a privately owned boat or yacht boarded at a U.S. port to fish in Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

e. a boat or yacht owned by a U.S. citizen or corporation and moored in Mexico for at least part of the year? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

f. a sportfishing boat departing from San Diego for a one-day or overnight trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

g. a sportfishing boat departing from San Diego for a long range (multiple-day) trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

3. Has anyone else in your household fished in Mexican waters in the past 12 months? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 6
- 2 Yes

4. How many people in your household (excluding yourself) have fished in Mexican waters in the past 12 months? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ people, excluding myself

5. Has anyone in your household fished in Mexican waters in the past 12 months without you? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHEN AND HOW YOU FISHED ON YOUR MOST RECENT ONE-DAY OR OVERNIGHT SPORTFISHING BOAT TRIP TO MEXICAN WATERS.**

6. In what month did you make your most recent one-day/overnight sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_

7. Was your most recent one-day/overnight sportfishing boat trip to Mexico made from an open party boat, an open party boat with limited load, or a boat chartered by the group with whom you fished? (CIRCLE ONE NUMBER)

- 1 Open party boat
- 2 Open party boat with limited load
- 3 Charter boat

8. What kind of fishing gear did you use on your most recent one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Hook-and-line gear only
- 2 Spearfishing gear only
- 3 Both hook-and-line and spearfishing gear

9. Do you live in the San Diego area? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes -----> SKIP TO QUESTION 12

10. Sometimes people combine fishing with other activities. At the time that you made your most recent one-day/overnight sportfishing boat trip to Mexico, what was your main reason for coming to San Diego? (CIRCLE ONE NUMBER)

- 1 Fishing
- 2 Leisure activities other than fishing
- 3 Business
- 4 Visit relatives or friends
- 5 Other (please describe: \_\_\_\_\_)

11. What is the one-way distance, in miles, from where you slept the night before the sportfishing boat trip to the sportfish boat landing in San Diego? (FILL IN THE BLANK)

\_\_\_\_\_ miles

12. What is the one-way distance, in miles, from your home to the sportfish boat landing in San Diego? (FILL IN THE BLANK)

\_\_\_\_\_ miles

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE PEOPLE WHO WENT WITH YOU ON YOUR MOST RECENT ONE-DAY/OVERNIGHT SPORTFISHING BOAT TRIP TO MEXICO.**

13. Did any household members go with you on your most recent one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 16
- 2 Yes

14. Excluding yourself, how many household members went with you on your most recent one-day/overnight sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ household members

15. Excluding yourself, how many household members who went with you on your most recent one-day/overnight sportfishing boat trip to Mexico were:

male? (FILL IN THE BLANK)

\_\_\_\_\_ males

at least 18 years old? (FILL IN THE BLANK)

\_\_\_\_\_ persons at least 18 years old

16. Did anyone living outside your household go with you on your most recent one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 19
- 2 Yes

17. How many people living outside your household went with you on your most recent one-day/overnight sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ friends

18. How many people living outside your household who went with you on your most recent one-day/overnight sportfishing boat trip to Mexico were?

male? (FILL IN THE BLANK)

\_\_\_\_\_ males

at least 18 years old? (FILL IN THE BLANK)

\_\_\_\_\_ persons at least 18 years old

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE AMOUNT OF MONEY THAT YOU AND YOUR HOUSEHOLD SPENT ON YOUR MOST RECENT ONE-DAY/OVERNIGHT SPORTFISHING BOAT TRIP TO MEXICO.**

19. When you made your most recent one-day/overnight sportfishing boat trip to Mexico, did you and your household spend any money on lodging that you would not have spent if you had not gone fishing? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes -----> About how much did you and your household spend on lodging? (FILL IN THE BLANK)

\$\_\_\_\_\_ spent on lodging

20. What was the main type of transportation that you used to travel from your home when you made your most recent one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Car
- 2 Camper or motorhome
- 3 Airplane -----> About how much did you and your household spend on airfare? (FILL IN THE BLANK)

\$\_\_\_\_\_ spent on airfare

21. About how much money did you and your household spend for each of the following items on your most recent one-day/overnight sportfishing boat trip to Mexico? (FILL IN THE BLANKS; IF NOTHING, WRITE 0)

Sportfishing boat passenger fees	\$ _____
Fishing gear/tackle bought or rented specifically for the trip	\$ _____
Food and beverages aboard the boat	\$ _____
Tips	\$ _____
Fish canning/filleting/smoking/shipping	\$ _____
Fish mounting	\$ _____

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHAT YOU AND YOUR HOUSEHOLD CAUGHT ON YOUR MOST RECENT ONE-DAY/OVERNIGHT SPORTFISHING BOAT TRIP TO MEXICO.**

22. What kinds of fish were you and your household targetting on your most recent one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ALL THAT APPLY)

- 1 No particular kind of fish, whatever we could catch
- 2 Albacore
- 3 Other tuna
- 4 Yellowtail
- 5 Bonito/barracuda/bass
- 6 Rockfish
- 7 Other (please describe: \_\_\_\_\_)

23. Did anyone in your household (including yourself) catch any fish on your last one-day/overnight sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 25
- 2 Yes

24. How many fish did you and your household catch and throw back on your last one-day/overnight sportfishing boat trip to Mexico? (FILL IN THE BLANKS; IF NONE, WRITE 0)

	TOTAL number of fish caught		How many of these fish were thrown back?
Albacore	_____	----->	_____
Other tuna	_____	----->	_____
Yellowtail	_____	----->	_____
Bonito/barracuda/bass	_____	----->	_____
Rockfish	_____	----->	_____
Other (please describe: _____)	_____	----->	_____

SOME BACKGROUND INFORMATION ABOUT YOU AND YOUR HOUSEHOLD WILL HELP US KNOW OUR VISITORS BETTER. BY "HOUSEHOLD" WE MEAN ALL THE INDIVIDUALS WHO LIVE WITH YOU IN YOUR HOUSE OR APARTMENT. HOWEVER, IF YOU ARE IN THE MILITARY OR IN SCHOOL AND LIVE IN GROUP QUARTERS, ALL QUESTIONS SHOULD BE ANSWERED ONLY ABOUT YOU. ALL OF YOUR ANSWERS ARE STRICTLY CONFIDENTIAL.

25. Which of the following best describes your current employment status? (CIRCLE ONE NUMBER)

- 1 Employed full time in a blue collar position
- 2 Employed full time in a clerical position
- 3 Employed full time in a managerial position
- 4 Employed full time in a professional position
- 5 Employed part time
- 6 Retired
- 7 Other (please describe: \_\_\_\_\_)

26. What is your ethnic background? (CIRCLE ALL THAT APPLY)

- 1 Hispanic
- 2 Non-Hispanic White
- 3 Black/African-American
- 4 Asian/Pacific Islander
- 5 Other (please describe: \_\_\_\_\_)

27. What is the highest level of education you have completed? (CIRCLE ONE NUMBER)

- 1 Less than 8th grade
- 2 Eighth grade graduate
- 3 High school graduate
- 4 Two-year college graduate
- 5 Four-year college graduate

28. About how many years have you been a saltwater angler? (FILL IN THE BLANK)

\_\_\_\_\_ years

29. How would you describe your fishing ability? (CIRCLE ONE NUMBER)

1                      2                      3                      4                      5  
Novice                      Intermediate                      Expert

30. Please describe the age, sex and fishing experience in Mexico of all members of your household (including yourself). (FILL IN BLANKS FOR EACH HOUSEHOLD MEMBER, WHETHER OR NOT THEY WENT WITH YOU ON YOUR MOST RECENT TRIP TO MEXICO)

	Age	Sex of person		Has this person ever fished in Mexico?		How old was this person when he/she first went fishing in Mexico?
		Male	Female	No	Yes	
Yourself	_____	_____	_____	_____	_____	_____
Member 2	_____	_____	_____	_____	_____	_____
Member 3	_____	_____	_____	_____	_____	_____
Member 4	_____	_____	_____	_____	_____	_____
Member 5	_____	_____	_____	_____	_____	_____
Member 6	_____	_____	_____	_____	_____	_____

31. Which of the following best describes your household's 1990 annual income before taxes? (CIRCLE ONE NUMBER)

- |    |                    |    |                     |
|----|--------------------|----|---------------------|
| 01 | Less than \$10,000 | 09 | \$80,000-\$89,999   |
| 02 | \$10,000-\$19,999  | 10 | \$90,000-\$99,999   |
| 03 | \$20,000-\$29,999  | 11 | \$100,000-\$109,999 |
| 04 | \$30,000-\$39,999  | 12 | \$110,000-\$119,999 |
| 05 | \$40,000-\$49,999  | 13 | \$120,000-\$129,999 |
| 06 | \$50,000-\$59,999  | 14 | \$130,000-\$139,999 |
| 07 | \$60,000-\$69,999  | 15 | \$140,000-\$149,999 |
| 08 | \$70,000-\$79,999  | 16 | \$150,000 or more   |

32. Do you have any other comments regarding this questionnaire or your fishing experiences in Mexico?

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Thank you very much for your help! Please return survey in the enclosed stamped, self-addressed envelope to:

Government of Mexico  
 Department of Fisheries  
 2550 Fifth Avenue, Suite 101  
 San Diego, California 92103-6622

APPENDIX A-2.

MULTI-DAY CPFV SURVEY INSTRUMENT



GOVERNMENT OF MEXICO  
DEPARTMENT OF FISHERIES  
REPRESENTATION IN THE U.S.

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Dear Angler,

The Mexican Department of Fisheries is conducting a survey of U.S. anglers who fish in Mexican waters (including the Coronado Islands). The purpose of the survey is to get a better understanding of our recreational fishing industry and promote better management of our marine resources. You are receiving this letter because we have randomly chosen your name from a list of people who recently purchased a Mexican fishing license.

We ask that the person in your household who has made the most fishing trips to Mexico in the past 12 months fill out the enclosed questionnaire. The questionnaire asks about the number of times you fished in Mexican waters in the past 12 months, details of your most recent long-range trip to Mexican waters from a sportfishing boat, and some information about your household. People who have filled it out say it takes about 15 minutes to complete--sometimes more, sometimes less.

Even if people in your household fish only occasionally in Mexico, we would like to hear from you. Your answers are very important because they reflect your views and experiences as well as the views and experiences of other anglers like you.

Your responses are strictly confidential. Information that you provide will be grouped with information from other survey respondents to provide us with much-needed information regarding the recreational fishing industry.

Thank you for your assistance with this very important survey.

Sincerely,

Santiago I. Gomez  
U.S. Representative



GOVERNMENT OF MEXICO  
DEPARTMENT OF FISHERIES  
QUESTIONNAIRE

**REMINDER:** We ask that the questionnaire be filled out by the household member who has made the most fishing trips to Mexico in the past 12 months.

Please read all instructions carefully. Each question is accompanied by a specific instruction such as "Fill in the blank" or "Circle one number." If a group of questions does not pertain to you, you will be instructed to skip ahead to a later question.

To help us understand your responses, we want to be sure that we are "speaking a common language." We have listed definitions of some of the key words in this questionnaire.

**Fishing Trip:** For purposes of this survey, a fishing trip starts when you leave your home in the U.S. and ends when you return to your home in the U.S., even if fishing was only one of several leisure activities enjoyed during the trip. A trip can last for a day or for a number of days or weeks.

**Fishing Trip to Mexico:** A trip on which you used hook-and-line or spearfishing gear to 1) fish from shore in Mexico, or 2) fish in Mexican waters from a boat that you boarded in the U.S. or Mexico. Mexican waters include the Coronado Islands.

**Household:** You and the other persons who live with you in your house or apartment. However, if you are in the military or in school and live in group quarters, all questions should be answered only about you.

**IN THIS FIRST SECTION WE ASK YOU ABOUT THE DIFFERENT TYPES OF FISHING TRIPS THAT YOU HAVE TAKEN IN MEXICAN WATERS IN THE PAST 12 MONTHS.**

1. How many fishing trips did you personally take to Mexico in the past 12 months? (FILL IN THE BLANK)

\_\_\_\_\_ trips

2. How many of the trips that you made to Mexico in the past 12 months involved fishing from:

a. shore (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

b. a kayak, canoe, inflatable, skiff or boat that was cartop-carried or trailered to Mexico? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

c. a cruiser or open boat (panga) chartered in Mexico with a Mexican guide? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

d. a privately owned boat or yacht boarded at a U.S. port to fish in Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

e. a boat or yacht owned by a U.S. citizen or corporation and moored in Mexico for at least part of the year? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

f. a sportfishing boat departing from San Diego for a one-day or overnight trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

g. a sportfishing boat departing from San Diego for a long range (multiple-day) trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

3. Has anyone else in your household fished in Mexican waters in the past 12 months? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 6
- 2 Yes

4. How many people in your household (excluding yourself) have fished in Mexican waters in the past 12 months? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ people, excluding myself

5. Has anyone in your household fished in Mexican waters in the past 12 months without you? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHEN AND HOW YOU FISHED ON YOUR MOST RECENT LONG-RANGE FISHING TRIP TO MEXICAN WATERS FROM A SPORTFISHING BOAT.**

6. In what month did you make your most recent long-range sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_

7. Was your most recent long-range sportfishing boat trip to Mexico made from an open party boat, an open party boat with limited load, or a boat chartered by the group with whom you fished? (CIRCLE ONE NUMBER)

- 1 Open party boat
- 2 Open party boat with limited load
- 3 Charter boat

8. How many days did you spend aboard the boat on your most recent long-range sportfishing boat trip to Mexico, counting from the time the boat left San Diego to the time that it returned to San Diego? (FILL IN THE BLANK)

\_\_\_\_\_ days

9. What kind of fishing gear did you use on your most recent long-range sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Hook-and-line gear only
- 2 Spearfishing gear only
- 3 Both hook-and-line and spearfishing gear

10. Do you live in the San Diego area? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes -----> SKIP TO QUESTION 13

11. Sometimes people combine fishing with other activities. At the time that you made your most recent long-range sportfishing boat trip to Mexico, what was your main reason for coming to San Diego? (CIRCLE ONE NUMBER)

- 1 Fishing
- 2 Leisure activities other than fishing
- 3 Business
- 4 Visit relatives or friends
- 5 Other (please describe: \_\_\_\_\_)

12. What is the one-way distance, in miles, from where you slept the night before the sportfishing boat trip to the sportfish boat landing in San Diego? (FILL IN THE BLANK)

\_\_\_\_\_ miles

13. What is the one-way distance, in miles, from your home to the sportfish boat landing in San Diego? (FILL IN THE BLANK)

\_\_\_\_\_ miles

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE PEOPLE WHO WENT WITH YOU ON YOUR MOST RECENT LONG-RANGE SPORTFISHING BOAT TRIP TO MEXICO.**

14. Did any household members go with you on your most recent long-range sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 17
- 2 Yes

15. Excluding yourself, how many household members went with you on your most recent long-range sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ household members

16. Excluding yourself, how many household members who went with you on your most recent long-range sportfishing boat trip to Mexico were:

male? (FILL IN THE BLANK)

\_\_\_\_\_ males

at least 18 years old? (FILL IN THE BLANK)

\_\_\_\_\_ persons at least 18 years old

17. Did anyone living outside your household go with you on your most recent long-range sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 20
- 2 Yes

18. How many people living outside your household went with you on your most recent long-range sportfishing boat trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ friends

19. How many people living outside your household who went with you on your most recent long-range sportfishing boat trip to Mexico were?

male? (FILL IN THE BLANK)

\_\_\_\_\_ males

at least 18 years old? (FILL IN THE BLANK)

\_\_\_\_\_ persons at least 18 years old

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE AMOUNT OF MONEY THAT YOU AND YOUR HOUSEHOLD SPENT ON YOUR MOST RECENT LONG-RANGE SPORTFISHING BOAT TRIP TO MEXICO.**

20. When you made your most recent long-range sportfishing boat trip to Mexico, did you and your household spend any money on lodging that you would not have spent if you had not gone fishing? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes -----> About how much did you and your household spend on lodging? (FILL IN THE BLANK)

\$ \_\_\_\_\_ spent on lodging

21. What was the main type of transportation that you used to travel from your home when you made your most recent long-range sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Car
- 2 Camper or motorhome
- 3 Airplane -----> About how much did you and your household spend on airfare to get between your home and San Diego? (FILL IN THE BLANK)

\$ \_\_\_\_\_ spent on airfare between home and San Diego

22. Sometimes long-range sportfishing boat passengers have the option of flying back to the U.S. from their fishing destination in Mexico. On your last long-range sportfishing boat trip to Mexico, did you and your household fly back to the U.S. from your fishing destination in Mexico? (CIRCLE ONE NUMBER)

1 No

2 Yes -----> About how much did you and your household spend on the airfare? (FILL IN THE BLANK)

\$ \_\_\_\_\_ spent on airfare between Mexico and the U.S.

23. About how much money did you and your household spend for each of the following items on your most recent long-range sportfishing boat trip to Mexico? (FILL IN THE BLANKS; IF NOTHING, WRITE 0)

Sportfishing boat fees (including meals)	\$ _____
Fishing gear/tackle bought or rented specifically for the trip	\$ _____
Beverages consumed during the trip but not covered by the sportfishing boat fees	\$ _____
Tips	\$ _____
Fish canning/filleting/smoking/shipping	\$ _____
Fish mounting	\$ _____

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHERE YOU FISHED AND WHAT YOU AND YOUR HOUSEHOLD CAUGHT ON YOUR MOST RECENT LONG-RANGE SPORTFISHING BOAT TRIP TO MEXICO.**

24. The map that is enclosed with this questionnaire describes 15 fishing areas in Mexican waters. On your last long-range sportfishing boat trip to Mexico, in what area did you do most of your fishing? (FILL IN THE BLANK WITH A NUMBER FROM 1 THROUGH 15)

\_\_\_\_\_

25. What kinds of fish were you and your household targetting on your last long-range sportfishing boat trip to Mexico? (CIRCLE ALL THAT APPLY)

- 1 No particular kind of fish, whatever we could catch
- 2 Albacore
- 3 Yellowfin tuna
- 4 Other tuna
- 5 Yellowtail
- 6 Dorado (dolphinfish)
- 7 Black sea bass
- 8 Grouper
- 9 Pargo (snapper)
- 10 Wahoo
- 11 Striped marlin
- 12 Sailfish
- 13 Other (please describe: \_\_\_\_\_)

26. Did anyone in your household (including yourself) catch any fish on your last long-range sportfishing boat trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 28
- 2 Yes

27. How many fish did you and your household catch and throw back on your last long-range sportfishing boat trip to Mexico? (FILL IN THE BLANKS; IF NONE, WRITE 0)

	TOTAL number of fish caught	How many of these fish were thrown back?
Albacore	_____	-----> _____
Yellowfin tuna	_____	-----> _____
Other tuna	_____	-----> _____
Yellowtail	_____	-----> _____
Dorado (dolphinfish)	_____	-----> _____
Black sea bass	_____	-----> _____
Grouper	_____	-----> _____
Pargo (snapper)	_____	-----> _____
Wahoo	_____	-----> _____
Striped marlin	_____	-----> _____
Sailfish	_____	-----> _____
Other (please describe: _____ )	_____	-----> _____

SOME BACKGROUND INFORMATION ABOUT YOU AND YOUR HOUSEHOLD WILL HELP US KNOW OUR VISITORS BETTER. BY "HOUSEHOLD" WE MEAN ALL THE INDIVIDUALS WHO LIVE WITH YOU IN YOUR HOUSE OR APARTMENT. HOWEVER, IF YOU ARE IN THE MILITARY OR IN SCHOOL AND LIVE IN GROUP QUARTERS, ALL QUESTIONS SHOULD BE ANSWERED ONLY ABOUT YOU. ALL OF YOUR ANSWERS ARE STRICTLY CONFIDENTIAL.

28. Which of the following best describes your current employment status? (CIRCLE ONE NUMBER)

- 1 Employed full time in a blue collar position
- 2 Employed full time in a clerical position
- 3 Employed full time in a managerial position
- 4 Employed full time in a professional position
- 5 Employed part time
- 6 Retired
- 7 Other (please describe: \_\_\_\_\_)

29. What is your ethnic background? (CIRCLE ALL THAT APPLY)

- 1 Hispanic
- 2 Non-Hispanic White
- 3 Black/African-American
- 4 Asian/Pacific Islander
- 5 Other (please describe: \_\_\_\_\_)

30. What is the highest level of education you have completed?  
(CIRCLE ONE NUMBER)

- 1 Less than 8th grade
- 2 Eighth grade graduate
- 3 High school graduate
- 4 Two-year college graduate
- 5 Four-year college graduate

31. About how many years have you been a saltwater angler? (FILL IN THE BLANK)

\_\_\_\_\_ years

32. How would you describe your fishing ability? (CIRCLE ONE NUMBER)

1
2
3
4
5  
 Novice Intermediate Expert

33. Please describe the age, sex and fishing experience in Mexico of all members of your household (including yourself). (FILL IN BLANKS FOR EACH HOUSEHOLD MEMBER, WHETHER OR NOT THEY WENT WITH YOU ON YOUR MOST RECENT TRIP TO MEXICO)

	Age	Sex of person	Has this person ever fished in Mexico?	How old was this person when he/she first went fishing in Mexico?
Yourself	_____	Male    Female	No    Yes----->	_____
Member 2	_____	Male    Female	No    Yes----->	_____
Member 3	_____	Male    Female	No    Yes----->	_____
Member 4	_____	Male    Female	No    Yes----->	_____
Member 5	_____	Male    Female	No    Yes----->	_____
Member 6	_____	Male    Female	No    Yes----->	_____

34. Which of the following best describes your household's 1990 annual income before taxes? (CIRCLE ONE NUMBER)

- |                       |                        |
|-----------------------|------------------------|
| 01 Less than \$10,000 | 09 \$80,000-\$89,999   |
| 02 \$10,000-\$19,999  | 10 \$90,000-\$99,999   |
| 03 \$20,000-\$29,999  | 11 \$100,000-\$109,999 |
| 04 \$30,000-\$39,999  | 12 \$110,000-\$119,999 |
| 05 \$40,000-\$49,999  | 13 \$120,000-\$129,999 |
| 06 \$50,000-\$59,999  | 14 \$130,000-\$139,999 |
| 07 \$60,000-\$69,999  | 15 \$140,000-\$149,999 |
| 08 \$70,000-\$79,999  | 16 \$150,000 or more   |



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APPENDIX A-3.

NON-CPFV SURVEY INSTRUMENT



GOVERNMENT OF MEXICO  
DEPARTMENT OF FISHERIES  
REPRESENTATION IN THE U.S.

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Dear Angler,

The Mexican Department of Fisheries is conducting a survey of U.S. anglers who fish in Mexican waters (including the Coronado Islands). The purpose of the survey is to get a better understanding of our recreational fishing industry and promote better management of our marine resources. You are receiving this letter because we have randomly chosen your name from a list of people who recently purchased a Mexican fishing license.

We ask that the person in your household who has made the most fishing trips to Mexico in the past 12 months fill out the enclosed questionnaire. The questionnaire asks about the number of times you fished in Mexican waters in the past 12 months, details of your most recent fishing trip, and some information about your household. People who have filled it out say it takes about 15 minutes to complete--sometimes more, sometimes less.

Even if people in your household fish only occasionally in Mexico, we would like to hear from you. Your answers are very important because they reflect your views and experiences as well as the views and experiences of other anglers like you.

Your responses are strictly confidential. Information that you provide will be grouped with information from other survey respondents to provide us with much-needed information regarding the recreational fishing industry.

Thank you for your assistance with this very important survey.

Sincerely,

A handwritten signature in black ink, appearing to read "Santiago I. Gomez", written over a horizontal line.

Santiago I. Gomez  
U.S. Representative



**GOVERNMENT OF MEXICO**  
**DEPARTMENT OF FISHERIES**  
**QUESTIONNAIRE**

**REMINDER:** We ask that the questionnaire be filled out by the household member who has made the most fishing trips to Mexico in the past 12 months.

Please read all instructions carefully. Each question is accompanied by a specific instruction such as "Fill in the blank" or "Circle one number." If a group of questions does not pertain to you, you will be instructed to skip ahead to a later question.

To help us understand your responses, we want to be sure that we are "speaking a common language." We have listed definitions of some of the key words in this questionnaire.

**Fishing Trip:** For purposes of this survey, a fishing trip starts when you leave your home in the U.S. and ends when you return to your home in the U.S., even if fishing was only one of several leisure activities enjoyed during the trip. A trip can last for a day or for a number of days or weeks.

**Fishing Trip to Mexico:** A trip on which you used hook-and-line or spearfishing gear to 1) fish from shore in Mexico, or 2) fish in Mexican waters from a boat that you boarded in the U.S. or Mexico. Mexican waters include the Coronado Islands.

**Household:** You and the other persons who live with you in your house or apartment. However, if you are in the military or in school and live in group quarters, all questions should be answered only about you.

**IN THIS FIRST SECTION WE ASK YOU ABOUT THE DIFFERENT TYPES OF FISHING TRIPS THAT YOU HAVE TAKEN IN MEXICAN WATERS IN THE PAST 12 MONTHS.**

1. How many fishing trips did you personally take to Mexico in the past 12 months? (FILL IN THE BLANK)

\_\_\_\_\_ trips

2. How many of the trips that you made to Mexico in the past 12 months involved fishing from:

a. shore (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

b. a kayak, canoe, inflatable, skiff or boat that was cartop-carried or trailered to Mexico? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

c. a cruiser or open boat (panga) chartered in Mexico with a Mexican guide? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

d. a privately owned boat or yacht boarded at a U.S. port to fish in Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

e. a boat or yacht owned by a U.S. citizen or corporation and moored in Mexico for at least part of the year? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

f. a sportfishing boat departing from San Diego for a one-day or overnight trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

g. a sportfishing boat departing from San Diego for a long range (multiple-day) trip to Mexican waters? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ trips

3. Has anyone else in your household fished in Mexican waters in the past 12 months? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 6
- 2 Yes

4. How many people in your household (excluding yourself) have fished in Mexican waters in the past 12 months? (FILL IN THE BLANK; WRITE 0 IF NONE)

\_\_\_\_\_ people, excluding myself

5. Has anyone in your household fished in Mexican waters in the past 12 months without you? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHEN AND HOW YOU FISHED ON YOUR MOST RECENT FISHING TRIP TO MEXICAN WATERS.**

6. In what month did you make your most recent fishing trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_

7. How long was your most recent trip to Mexico, counting from the day when you left the U.S. to the day when you returned? (FILL IN THE BLANK)

\_\_\_\_\_ day(s)

8. You may not have fished on every day of your most recent trip to Mexico. For instance, you may have been on the road or enjoying other leisure activities. How many days did you actually go fishing on your most recent trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ day(s)

9. What kind of fishing gear did you use on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Hook-and-line gear only
- 2 Spearfishing gear only
- 3 Both hook-and-line and spearfishing gear

10. Did you fish from a boat or from shore on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Boat and shore
- 2 Boat only
- 3 Shore only -----> SKIP TO QUESTION 14

11. What type of boat did you use for fishing on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Cruiser or open boat (panga) chartered in Mexico with a Mexican guide -----> SKIP TO QUESTION 13
- 2 Kayak, canoe, inflatable, skiff or boat that was cartop-carried or trailered to Mexico
- 3 Boat/yacht departing from a U.S. port to fish in Mexican waters
- 4 Boat/yacht owned by a U.S. citizen or corporation and moored in Mexico for at least part of the year
- 5 Other (please describe: \_\_\_\_\_)

12. Did you or someone in your household own the boat that was used for fishing on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

13. Did you participate in a fishing tournament on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE PEOPLE WHO WENT WITH YOU ON YOUR MOST RECENT FISHING TRIP TO MEXICO.**

14. Did any relatives or friends go with you on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 16
- 2 Yes

15. In this question, we would like to learn about each relative and friend who went with you on your most recent fishing trip to Mexico. (FOR EACH PERSON WHO WENT WITH YOU, CIRCLE AGE, SEX, WHETHER PERSON FISHED, AND WHETHER PERSON IS PART OF YOUR HOUSEHOLD.)

	Is this person older than 18?		Sex of person?		Did this person fish during the trip?		Does this person live in your household?	
					No	Yes	No	Yes
Person 1	No	Yes	Male	Female	No	Yes	No	Yes
Person 2	No	Yes	Male	Female	No	Yes	No	Yes
Person 3	No	Yes	Male	Female	No	Yes	No	Yes
Person 4	No	Yes	Male	Female	No	Yes	No	Yes
Person 5	No	Yes	Male	Female	No	Yes	No	Yes
Person 6	No	Yes	Male	Female	No	Yes	No	Yes

IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT WHERE YOU FISHED AND WHAT YOU AND YOUR HOUSEHOLD CAUGHT ON YOUR MOST RECENT TRIP TO MEXICO.

16. Did most of your fishing on your most recent trip to Mexico occur within three miles of shore? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes

17. The map that is enclosed with this questionnaire describes 15 fishing areas in the Pacific Ocean and the Gulf of California (Sea of Cortez). How many days did you fish in each of the 15 areas on your most recent trip to Mexico? (FILL IN THE BLANKS; IF NONE, WRITE 0)

Fishing Area	Number of Days Fished on Your Most Recent Trip to Mexico
1	_____
2	_____
3	_____
4	_____
5	_____
6	_____
7	_____
8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____

18. What kinds of fish were you and your household targetting on your most recent trip to Mexico? (CIRCLE ALL THAT APPLY)

- 1 No particular kind of fish, whatever we could catch
- 2 Albacore
- 3 Yellowfin tuna
- 4 Other tuna
- 5 Yellowtail
- 6 Marlin (black, blue, striped)
- 7 Sailfish
- 8 Dorado (dolphinfish)
- 9 Pompano
- 10 Roosterfish
- 11 Toro (jack crevalle)
- 12 Wahoo
- 13 Black sea bass
- 14 White sea bass
- 15 Cabrilla (bass)
- 16 Grouper
- 17 Pargo (snapper)
- 18 Flatfish (halibut, flounder)
- 19 Other (please describe: \_\_\_\_\_)

19. Did anyone in your household (including yourself) catch any fish on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 21
- 2 Yes

20. How many fish did you and your household catch and throw back on your most recent trip to Mexico? (FILL IN THE BLANKS; IF NONE, WRITE 0)

	TOTAL number of fish caught	How many of these fish were thrown back?
Albacore	_____	-----> _____
Yellowfin tuna	_____	-----> _____
Other tuna	_____	-----> _____
Yellowtail	_____	-----> _____
Marlin (black, blue, striped)	_____	-----> _____
Sailfish	_____	-----> _____
Dorado (dolphinfish)	_____	-----> _____
Pompano	_____	-----> _____
Roosterfish	_____	-----> _____
Toro (jack crevalle)	_____	-----> _____
Wahoo	_____	-----> _____
Black sea bass	_____	-----> _____
White sea bass	_____	-----> _____
Cabrilla (bass)	_____	-----> _____
Grouper	_____	-----> _____
Pargo (snapper)	_____	-----> _____
Flatfish (halibut, flounder)	_____	-----> _____
Other (please describe: _____)	_____	-----> _____

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ABOUT THE TRAVEL ARRANGEMENTS MADE FOR YOUR MOST RECENT FISHING TRIP TO MEXICO.**

21. What was the main purpose of your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Fishing
- 2 Leisure activities other than fishing
- 3 Other (please describe: \_\_\_\_\_)

22. What was the main type of transportation that you used to travel between the U.S. and Mexico on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 Car, van or truck
- 2 Camper or motorhome
- 3 Boat or yacht -----> SKIP TO QUESTION 24
- 4 Airplane -----> SKIP TO QUESTION 24
- 5 Other (please describe: \_\_\_\_\_)

23. Did the vehicle which took you between the U.S. and Mexico belong to you or someone in your household? (CIRCLE ONE NUMBER)

- 1 No
- 2 Yes -----> About how many miles (round trip) were put on the vehicle on your most recent fishing trip to Mexico? (FILL IN THE BLANK)

\_\_\_\_\_ miles

24. Where did you sleep on your most recent fishing trip to Mexico? (CIRCLE ALL THAT APPLY)

- 1 No sleeping arrangements were necessary, since my trip lasted less than a day
- 2 Hotel
- 3 Tent, camper or motorhome
- 4 Boat or yacht
- 5 At the home of a friend in Mexico
- 6 Other (please describe: \_\_\_\_\_)

**IN THIS NEXT SECTION WE ASK YOU FOR INFORMATION ON THE AMOUNT OF MONEY THAT YOU AND YOUR HOUSEHOLD SPENT ON YOUR MOST RECENT FISHING TRIP TO MEXICO.**

25. Was your most recent fishing trip to Mexico part of a travel package that included airfare and accommodations? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 30
- 2 Yes

26. How much money did you and your household spend on the travel package? (FILL IN THE BLANK)

\$ \_\_\_\_\_

27. Which of the following costs were covered by the travel package? (CIRCLE ALL THAT APPLY)

- 1 Airfare
- 2 Airport/hotel transfer
- 3 Lodging
- 4 Food and beverages
- 5 Services of fishing boat and guide
- 6 Rental of fishing gear/tackle
- 7 Bait
- 8 Fishing license
- 9 Fish filleting/packaging/freezing
- 10 Other (please describe: \_\_\_\_\_)

28. In addition to the money spent on the travel package, did you and your household spend any other money on your most recent trip to Mexico? (CIRCLE ONE NUMBER)

- 1 No -----> SKIP TO QUESTION 31
- 2 Yes

29. In addition to the money spent on the travel package, about how much money did you and your household spend on your most recent trip to Mexico in each of the following categories? (FILL IN THE BLANKS; IF NOTHING, WRITE 0)

Car rental in Mexico	\$ _____
Food and beverages	\$ _____
Fishing gear/tackle bought or rented specifically for the trip	\$ _____
Bait	\$ _____
Fishing license	\$ _____
Fish filleting/packaging/freezing	\$ _____
Fish mounting	\$ _____
Souvenirs	\$ _____
Miscellaneous expenses (film, suntan lotion, clothing, ice chest, etc. bought especially for the trip to Mexico)	\$ _____
Other (please describe: _____)	\$ _____

SKIP TO QUESTION 31

30. About how much money did you and your household spend on your most recent fishing trip to Mexico in each of the following categories? (FILL IN THE BLANKS; IF NOTHING, WRITE 0)

Airfare (if you flew to Mexico)	\$ _____
Airport/hotel transfer (if you flew to Mexico)	\$ _____
Car rental in Mexico	\$ _____
Gasoline, oil and Mexico insurance (if you drove to Mexico)	\$ _____
Lodging	\$ _____
Food and beverages	\$ _____
Services of fishing boat and guide	\$ _____
Fishing gear/tackle bought or rented specifically for the trip	\$ _____
Bait	\$ _____
Fishing license	\$ _____
Fish filleting/packaging/freezing	\$ _____
Fish mounting	\$ _____
Souvenirs	\$ _____
Miscellaneous expenses (film, suntan lotion, clothing, ice chest, etc. bought especially for the trip to Mexico)	\$ _____
Other (please describe: _____)	\$ _____

**SOME BACKGROUND INFORMATION ABOUT YOU AND YOUR HOUSEHOLD WILL HELP US KNOW OUR VISITORS BETTER. BY "HOUSEHOLD" WE MEAN ALL THE INDIVIDUALS WHO LIVE WITH YOU IN YOUR HOUSE OR APARTMENT. HOWEVER, IF YOU ARE IN THE MILITARY OR IN SCHOOL AND LIVE IN GROUP QUARTERS, ALL QUESTIONS SHOULD BE ANSWERED ONLY ABOUT YOU. ALL OF YOUR ANSWERS ARE STRICTLY CONFIDENTIAL.**

31. Which of the following best describes your current employment status? (CIRCLE ONE NUMBER)

- 1 Employed full time in a blue collar position
- 2 Employed full time in a clerical position
- 3 Employed full time in a managerial position
- 4 Employed full time in a professional position
- 5 Employed part time
- 6 Retired
- 7 Other (please describe: \_\_\_\_\_)

32. What is your ethnic background? (CIRCLE ALL THAT APPLY)

- 1 Hispanic
- 2 Non-Hispanic White
- 3 Black/African-American
- 4 Asian/Pacific Islander
- 5 Other (please describe: \_\_\_\_\_)

33. What is the highest level of education you have completed? (CIRCLE ONE NUMBER)

- 1 Less than 8th grade
- 2 Eighth grade graduate
- 3 High school graduate
- 4 Two-year college graduate
- 5 Four-year college graduate

34. About how many years have you been a saltwater angler? (FILL IN THE BLANK)

\_\_\_\_\_ years

35. How would you describe your fishing ability? (CIRCLE ONE NUMBER)

1
2
3
4
5  
 Novice \_\_\_\_\_ Intermediate \_\_\_\_\_ Expert

36. Please describe the age, sex and fishing experience in Mexico of all members of your household (including yourself). (FILL IN BLANKS FOR EACH HOUSEHOLD MEMBER, WHETHER OR NOT THEY WENT WITH YOU ON YOUR MOST RECENT TRIP TO MEXICO)

	Age	Sex of person	Has this person ever fished in Mexico?	How old was this person when he/she first went fishing in Mexico?
Yourself	_____	Male Female	No Yes----->	_____
Member 2	_____	Male Female	No Yes----->	_____
Member 3	_____	Male Female	No Yes----->	_____
Member 4	_____	Male Female	No Yes----->	_____
Member 5	_____	Male Female	No Yes----->	_____
Member 6	_____	Male Female	No Yes----->	_____

37. Which of the following best describes your household's 1990 annual income before taxes? (CIRCLE ONE NUMBER)

- |                       |                        |
|-----------------------|------------------------|
| 01 Less than \$10,000 | 09 \$80,000-\$89,999   |
| 02 \$10,000-\$19,999  | 10 \$90,000-\$99,999   |
| 03 \$20,000-\$29,999  | 11 \$100,000-\$109,999 |
| 04 \$30,000-\$39,999  | 12 \$110,000-\$119,999 |
| 05 \$40,000-\$49,999  | 13 \$120,000-\$129,999 |
| 06 \$50,000-\$59,999  | 14 \$130,000-\$139,999 |
| 07 \$60,000-\$69,999  | 15 \$140,000-\$149,999 |
| 08 \$70,000-\$79,999  | 16 \$150,000 or more   |



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APPENDIX B.

MAP USED AS VISUAL AID

IN

MULTI-DAY CPFV AND NON-CPFV QUESTIONNAIRES

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APPENDIX C-1.

SAMPLE CPFV TRIP REPORT FORM



# PASSENGER LIST

SACK \_\_\_\_\_  
e \_\_\_\_\_

SACK	J.P.	Name	Nat.	St.	Street Address	City and Zip	Phone#
1							
2							
3							
4							
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APPENDIX C-2.

SAMPLE APPLICATION

FOR

WEEKLY/MONTHLY/ANNUAL ANGLER LICENSES & NON-CPFV BOAT LICENSES

APPLICATION FOR NON-COMMERCIAL SPORT FISHING LICENCES IN MEXICO.  
Please fill in all the required information. We regret that we cannot accept personal checks.

OWNER OR APPLICANT:

\_\_\_\_\_ (\_\_\_\_) \_\_\_\_\_ (\_\_\_\_) \_\_\_\_\_  
first name                      last name                      business phone                      home phone

\_\_\_\_\_ address                      city                      state                      zip                      date

FOR STATISTICAL PURPOSES: Please fill in state locations you plan to visit (you are not restricted to those locations):

\_\_\_\_\_

Activities in which you plan to engage:  
Fishing:                      Underwater:                      Method:  
Aboard a vessel: \_\_\_\_\_                      Spear fishing: \_\_\_\_\_                      Scuba: \_\_\_\_\_  
Land/Platform: \_\_\_\_\_                      Photography: \_\_\_\_\_                      Snorkel: \_\_\_\_\_  
How are you arriving in Mexico? air \_\_\_\_\_ road \_\_\_\_\_ ocean \_\_\_\_\_  
Where did you learn you needed permits to fish in Mexico: \_\_\_\_\_

BOAT/VESSEL PERMITS      Fees in effect Oct. 1 to Dec. 31, 1992  
under 23': \$22.90      23' - 29'11": \$45.75      30' and over: \$68.80

\_\_\_\_\_ boat name                      vessel ID #                      length                      make                      gross ton                      home port

\_\_\_\_\_ boat name                      vessel ID #                      length                      make                      description

INDIVIDUAL LICENSES      Required for all passengers on board. Oct. 1 - Dec. 31, 1992 fees: week: \$13.90      month: \$21.00      year: \$28.00

FIRST, LAST NAME	CITY	STATE	CITIZEN- SHIP	1 WK.	1 MO.	1 YR.
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Starting date (for week or month only): \_\_\_\_\_

TO OBTAIN PERMITS BY MAIL: Please send a legible photocopy of the current boat registration along with this completed application, a business-size, stamped return envelope, and a cashier's check or money order for the correct amount, payable to OFICINA RECAUDADORA DE PESCA, to:

SECRETARIA DE PESCA                      2550 FIFTH AVE. STE. 101  
SAN DIEGO, CA 92103-6622

APPENDIX D-1.

RESPONDENT COMMENTS  
FROM ONE-DAY CPFV QUESTIONNAIRE

1. Do not like the new fish regulations--tuna.
2. None for the last 12 months. But over the years I have made (1-seven day trip, 1-five day trip and 4-four day trips) and an average of 3-one day trips per year.
3. Would like to know how we may acquire a yearly Mexican permit for fishing in Mexican waters, reason being so we wouldn't have to buy a daily one every time we go fishing on sportfishing boats. The sport boats of H&M Landing told us there is no yearly permit. If that's true it would seem to me you are taking advantage of local sport anglers or the sport boats are. Also would like information on Mexico's fishing areas, lodging, and prices on Mexican sport boats. Thanks.
4. We are very happy that you are interested in our opinions. If we can ever be of any help to you promoting better relations between the US and Mexico do not hesitate to call upon us. [Name, Address, Phone]
5. It's always been good fishing in Mexican waters but I'm very much disappointed about the limits that are now in effect for foreign anglers in Mexican waters.
6. A good time was had by all.
7. We enjoy fishing in Mexico very much (from S.D. ports as well as Mexican ports). However, if Mexico places too strict of limits on tuna & albacore, my household and about 20 of my friends will probably discontinue fishing in Mexican waters. It simply is not economical to spend \$150 to \$500 for a trip which limits one's catch to two tuna.
8. I hope you can continue to supply and manage the quality & quantities of sportfish for years to come. The commercial boats that fish in your waters concern me deeply. The quantities of fish seem to be being depleted by them. Over fishing commercially makes for terrible hook & line fishing.
9. Fun & enjoyable.
10. Coronado Islands are very beautiful.
11. My trip to the Coronados was not very good. The area seemed to not have very much sea life. All we saw were fish under 7" long. People say that local fishermen cut the kelp and overfish the area. Judging from my trip I would say that the Coronado Islands are overfished.
12. Not interested in fishing, like to scuba.
13. The seals disrupted some of our fishing!

14. Limit amount of billfish caught & kept because soon there won't be any left!
15. Fishing has been great except for this year. No one knows why?
16. Thank you for revising the fishing limits. They were too low. Long range limits are still too low. Sport caught fish don't even make a dent in the fish population. Commercial fishermen who fish with 30 mile drift nets, 3000 hooks, long lines and purse seines should be more restricted as they can kill entire schools of fish at a time.
17. I plan to fish more trips in Mexican waters. I am interested in panga fishing. Also interested in multi-day tuna trips and the Guadalupe (?) Islands.
18. I am not a fisherperson--this was a business trip. We flew on a company jet. I would not do again--sorry!
19. Love the people. Love the fishing.
20. 1) Why do people who go on the fishing boats but do not fish have to pay for a Mexican permit just to be in the Mexican waters?  
2) If a person has a Mexican permit he has gotten that's good for a year, does he have to pay each time he goes on board a fishing boat out of San Diego? We have several members in a fishing club who buy the permit for a year because they fish a lot in Mexico plus on our charters out of San Diego.
21. Visit our son who is Navy in San Diego and an avid frequent fisherman. Fishing this last trip was poor but enjoyable and I hope to return possibly again this year.
22. We have not fished in Mexico, but we enjoy scuba diving around the Coronado Islands. We may fish at some later date.
23. If you raise the costs of fishing permits and lower the limits of fish in daily bag limits, people such as myself will have second thoughts about traveling all the way to San Diego to go fishing. Coronado Island fishing would be greatly improved if something could be done about the sea lions.
24. I have fished the Coronado Islands at least once a year for the last 21 years, and though not always catching fish, I have always enjoyed it very much. My wife and I plan to visit Cabo San Lucas for a week within the next year or so that I might possibly fulfill a long standing dream of catching a large marlin. We often visit Ensenada Mexico for weekends of dining out and shopping, although I've never fished during these visits, as my wife doesn't fish.

25. I have fished in Puerto Vallarta, Mazatlan, Loreto and East Cape--but not last year. Was going out of Ensenada this year with my son-in-law, but had to be operated on for prostrate cancer and cancel out. I canceled the trip with Ensenada's Clipper Fleet on May 23, 1991. They still haven't returned my deposit of \$346. Not a very good recommendation for Ensenada. I have written three times & phoned twice to [Name, Phone]. He keeps promising me the money, but still nothing. Is there anything you can do to help me? I didn't realize you had an office in S.D. or I'd of talked to you sooner. Thanks. [Name, Address, Phone]

26. I will continue to fish Mexico as long as permitted. I think the police force is a little unfair at times.

27. I would like information on Mexican laws for lobster--I only dive--would like to vacation in Mexico, dive and bring up catch to eat. What license do I need? Thank you. [Name, Address]

28. Ten fish limit not enough for the amount of money spent on each trip.

29. Please send me an application and prices for a yearly license in Mexico. The people of Mexico, for the most part have been very pleasant and helpful with our trips. You should promote sport fishing and discourage all gill netting along your coasts and the Sea of Cortez. Your Sea of Cortez is a pristine area and should be protected from these rapists! Don't let the gill netters do to you what they have done to us!!! J.R.W.

30. I fully enjoy fishing in Mexico, although I now live in Bremerton Washington. I look forward to fishing the Coronados again soon.

31. I do not think you should charge scuba divers for a fishing license unless they are spear fishing.

32. I find the quality of fishing (fish, boats, operators, crew) in many ways superior to the solely profit motivated U.S. commercial sport fishing industry.

33. Is it possible to acquire a Mexican fishing license for a full calendar year, like the state of California? And if so, where? [Name, Address]

34. Please do not allow gill netting or drift netting by foreign countries in Mexican waters. I have noticed a real decline in the numbers of yellowtail. Suggest you impose a size limit, say 22 inches at least? I see too many babies kept. We must protect these fish or there won't be any for future generations. I hope you appreciate this concern. Thank you.

35. I am concerned with the limits on tuna catches that are currently being proposed. As long as limits are not too restrictive, I plan to continue to fish in Mexico.

36. I save all the money I can to go on one long range trip to Mexico each year. It is my favorite thing I do each year with my father. The tuna I bring home for my family to eat is the only way I can justify the expense to my wife. Please don't create fish limits that will keep me from going fishing with my dad. Thanks.  
J.T.

37. Our main focus is scuba-diving. Fishing is incidental.

38. It's too expensive.

39. Have not done much fishing. Believe that the Mexican waters are overfished.

40. I probably would not fish long range again if the recent limits had not been modified. Thanks for the changes.

41. Just took a 5-day trip to La Paz. Had a wonderful time, caught a sailfish & some dorado. I have a number of people who wish to go down there. I can't say enough about the friendliness and solicitude of everyone in La Paz. I'm looking forward to going back, the sooner the better.

42. We enjoy coming from the high desert and go fishing. Sorry for not answering first questionnaire--was out of state.

43. Enjoy panga fishing the most.

44. When the sportfishing limits were announced in March, I canceled two group fishing trips to BCS in favor of Canada and Alaska. The new rules were unfair, ill-defined and did not conserve the Mexican ocean fish population or help Mexico's sportfishing industry. Although the restrictions on commercial long-line fishing was a major step in that direction as I believe one commercial fishing boat harvests more fish than all the sport fishermen do in a year. I am following the current regulations with interest as I have had pleasant trips to Mexico and would return if the restrictions are eased even more than they have been. Thank you for the chance to voice my objections, and I hope to return to enjoy your hospitality. M.C.

45. Please send me the outcome of this survey. I love to fish the Coronado Islands. Help us save fish like the thresher, mako sharks and the halibut from poor management and slaughter. Stop the gill net fishery and you will save the sportfishing in Mexico and San Diego. Thank you from all fishermen!

46. Hope that the information helps the fishing industry. Always enjoy the hospitality I find in Mexico.

47. Thank you for the recent changes in the limits on tuna. Would like to see the limit on dorado increased to five fish. Please reduce commercial fishing pressure or people will not pay to fish in Mexico.

48. Sorry I never fished in Mexico. The answers apply to San Pedro area. I wish to go to Mexico!! This summer vacation I am going to San Diego. Next vacation I would like to go to Mexico. Thank you.

49. Mexican waters are wonderful. Have visited the whales in San Ignacio Lagoon aboard the Pacific Queen many times and find it a memorable visit. Am a poor fisherman and go mainly for the air and sun. My sons go for the fishing. Also I have dived (scuba) Mexico and it is beautiful. Keep your waters as clean as possible. You're doing a great job.

50. The Coronado Islands are very pretty.

51. Recently I've heard that the Mexican government lowered limits (catch) on specific species of tuna. I feel that the lower limits would be detrimental to your sportfishing trade. I and many of my co-workers refuse to spend the money and time fishing in Mexico under such strict guidelines. In fact we have delayed two planned sportfishing trips already until information on current fishing law is clarified and/or changed.

52. I always enjoy fishing in Mexico.

53. I think the people of Mexico that I have come in contact with in my fishing trips from Ensenada, Loreto, and Cabo San Lucas have been the greatest from lodging to fishing to all the people in general. I plan on retiring in Mexico someday if that says enough. Thank you.

54. Yes, the fishing guides keep too many under sized fish. They don't throw any fish back, and they get mad at you if you throw them back.

55. I am very concerned about the reduction in maximum allowable limits recently imposed--also, the increase in license fees is exorbitant.

56. Will return. Weather was lousy when we went.

57. Up limits!

58. This questionnaire appears to relate to the San Diego sportfishing industry and not to Mexico fishing trips. If this is for the government of Mexico, why are postage & fees paid by the US government? We spend at least 30 days a year in Baja fishing (mostly catch and release) and a maximum of 5 days fishing out of San Diego.

59. The people and hospitality were second to none after Ensenada.

60. I've attached a copy of a letter I sent to San Diego Sportfishing Association, April 30, 1990. Please review and forward me an explanation! Thanks. W.P.

61. The trip I went on was really a scuba diving trip, but we were required to purchase Mexican fishing license just in case we wanted to do some fishing & so we would have no complications with the authorities if someone did catch some fish. Some people on the boat didn't have licenses. I went there to scuba dive, with no intention to fish.

62. Stop the long line boats! Stop drift netters.

63. You forgot quality of service on boats--control of behavior of passengers by skippers, supervision of deck hands.

64. I would not bother to do this type of fishing again.

65. I support and applaud Mexico's new efforts to care for their fisheries. I support "catch and release" fishing and release all marlin and sailfish. I intend to spend three months in Baja fishing with my 17' boat in 1992. Mr. Gomez, I want you to study the effects and address the problem of "trawlers" fishing for shrimp on your fishery.

66. Please read accompanying letter.

67. Fantastic fishing and waters. Charters from San Diego very professional and concerned about charter's success. Can't wait to return.

68. I enjoy Mexico a lot, both fishing and leisure.

69. I believe that one of Mexico's best assets is its quality fishing, though not as good in recent years. Please stop Japan from over fishing your Mexican waters. If fishing gets bad Mexico will lose tourist dollars. I and my wife go to Cabo once a year for marlin, and every year we spend a lot of dollars on our trips and fishing licenses. I have caught many tuna and yellowtail over the years on overnight and multi-day fishing trips out of San Diego. However, my wife and I have not caught a marlin in Cabo yet, though we will keep trying.

70. Please change tuna limit to 10 from 5, dorado limit to 5 from 2, no limit for yellowtail. I wouldn't complain for sailfish, marlin limit.

71. Deep sea fishing in Mexico has brought me many memories and good times with friends, both from charter trips and La Paz and Cabo trips. Thank you.

72. Am looking forward to doing it again soon.

73. With better access and status reports, I believe more people would fish fresh water in northern Mexico.

74. Biggest problems are commercial boats. Working people like us go once, maybe twice in one year. It is so expensive when you go and if you take your family. The costs never stop. Even now we are in a recession, rates and prices don't come down. I hope I have helped you.

75. We did not fish.

76. Thank you.

77. I do not wish to participate.

78. I have enjoyed many good trips in Mexico and hope to make more.

79. I personally feel I have been priced out of the market for fishing in Cabo San Lucas and also multi-day trips leaving from San Diego. Also I feel there is too much commercial fishing pressure in Mexican waters.

80. Support catch and release. Get the shrimp industry going and the fishing will boom again. Encourage fly fishing too.

81. Is the Mexican government going to open a Dept. of Fisheries office in the Los Angeles area? My friends and I were very disappointed to find your San Pedro office closed. Currently, there is no place for us to purchase fishing licenses and boat licenses in our area. This year we had to drive to San Diego to purchase them.

82. The prices for hotels, pangas, gasoline and the passenger fees are too high. This has forced me to cut my trips of four a year to one time a year. If the cost keeps going up we will go elsewhere next year.

83. We can't take abalone.

84. I enjoy fishing in the seas of Mexico. I have one question. Why the survey? What is it leading to?

85. Have fished numerous occasions on Ensenada based sport fishing boats. Limits on fish taken would probably cause me to stop fishing in Mexico as I do bring the fish home for food.

86. This past year was rather slow for tuna and yellowtail as you probably know. Usually I go out on at least 4-5 overnight/multiday trips per year.

87. I wish to conceal my income.

88. Yes, where have all the albies gone?

89. I'm glad the Mexican government is interested in keeping fishing a good sport. Don't let commercial fishing rape the waters. Guys like me find great rewarding and relaxing experience in doing this. This is my relaxation. I look forward to these trips. Mexico is a beautiful country! Thank you.

90. Really enjoy fishing in Mexican waters. Would like to see all netting stopped. Excellent release from stress. Trips are getting too expensive. Would be nice to reduce travel time to prime areas.

91. Please control your native gillnetters, commercial fisherman and please don't allow the Japanese long line boats to rape your waters. What you have is priceless. Over commercial fishing of any kind will destroy your fishing industry forever. The only reason that fished only twice in Mexican waters the past 12 months was due to my schedule. The fish were too far south & I could only allow time for a 2 day trip.

92. I enjoyed it very much. I just wish I had the time and money to do it more often.

93. It appears to me with the use of gill net and other long nets, sport fishing is really declining. This last trip, the boat went over 100 miles looking for fish. I'll probably be fishing only the Northern California coast in future years.

94. Where's the tuna!!

95. Please keep the drift net boats and long line boats away from the fishing grounds. The Japanese kill everything in the ocean and leave nothing. The sportfishing fleet in S.D. takes very little when you look at the TONS of fish a drift net boat will take. Since Mexico stopped them from fishing at Cabo I understand the fishing is getting much better! Without the tuna or yellowtail from Mexico I would not spend this much time in San Diego fishing!

96. The oceans are global waters and the more governments can manage together to control the depletion of international resources the better off all people will be.

97. Good fishing.
98. Please promote catch and release fishing.
99. I would like to see the aggregate fish limits increased for long range trips.
100. Why wasn't multiday trips included in fish caught?
101. I have always enjoyed fishing in Mexico and have found the people that we dealt with to be very courteous and competent.
102. I really wish something can be done about all the commercial fishing boats. For the little time I have been fishing, I have noticed a significant difference in the abundance of fish. Now there is hardly any albacore caught and tuna are something special. Something needs to be done soon or the fish will become endangered. Thank you.
103. I really enjoyed fishing in Mexico. We had a hell of a time.
104. Please keep the Japanese longliners out of the Cabo San Lucas and Gulf of California areas.
105. Question #27 should also have an option for schooling beyond four year college degree (i.e. post graduate).
106. Limits for migratory fish should be lifted for sport fishermen.
107. Sportfishing--let's push "catch and release". I was at East Bay Baja--they "killed them" but there will be a day of "no fish".
108. When fishing Coronado Islands--too many seals or sea lions encountered. Had many hook-ups, but seals or sea lions would take fish before getting to the boat. Very unhappy with this situation and do not intend to fish there again.
109. Don't understand the reason for the study. I would like a copy of the results. I strongly believe that sportfishing should continue to be allowed in Mexican waters. [Name, Address, Phone]
110. I have never had a bad experience in Mexico. The people are the best and I only fish in Baja.
111. Commercial fishing in Northern Baja has seriously degraded inshore fishing. The Coronado Islands have been especially affected.
112. I was sick and caught nothing and a basic negative experience both with fishing and riding in a boat.

113. Why do divers without spear guns have to buy the fishing license?

114. I would like to know what it is being used for: 1) To develop a sportfishing industry similar to San Diego in Mexico? 2) To charge more for the privilege to fish in Mexico? 3) I hope to improve the sportfishing in Mexico. I love to fish and visit Mexico. I have fished with Tony Reyes now six times. I love to surf fish as well. I just love to visit with my friends in Mexico and enjoy the food, fun, and hospitality.

115. Stop throwing plastics and oils in the water!!!

116. Have always caught plenty of fish and look forward to when my son will be old enough to go with me.

117. I fish out of San Felipe 3-4 times a year with Baja fishing tours but I did make a trip to the Coronados last Aug. with my brother's trucking company. I chartered a trip for 14 days with Baja fishing tours for next Aug leaving San Felipe to fish Mulege, La Paz, Cabo.

118. I observed the deck hands killing many fish (rockfish) that could have been thrown back. While some fish were damaged from being brought up from such a great depth, I felt that many could have survived if even a little patience had been exercised. I saw fish no more than six inches long being put into anglers' game bags. Over fishing of this sort will soon decimate most game species. Please take a stand for conservation!!

119. Sportfishing in Mexico was great! My favorite was fishing from Spa Buenavista for bill fish, dorado, etc.. It would have been helpful if I knew the Spanish language, but my wife and I had a wonderful time fishing and would love to return as soon as we can afford it!

120. Stop the commercial overfishing in both the Pacific and Sea of Cortez.

121. Can some method be made into law--moratorium by areas so fish can reproduce. We must be very careful not to hurt owners of sportfishing boats, so that they can still earn a living etc. P.S. I thoroughly enjoy deep sea fishing even when the fishing is so poor as it has been recently.

122. Enjoyed fishing experience. Hope to do it again soon!

123. Yes, what my age is and how much money I make is none of your business. This questionnaire is too personal. How much money I make has nothing to do with fishing, and I'll never deep sea fish again. I can catch more fish in a pond than in the sea.

124. You need to include scuba diving on questionnaire.
125. My father went to Cabo San Lucas and had a great time this year. I got to go to Puerto Vallarta at Christmas. We caught roosterfish, only fished one day. I think the most important thing is for Mexico not to let your waters get fished out. More catch and release and small limits if people do want to keep some fish to take home.
126. I went fishing on a whim and will probably never go again.
127. Fishing in Mexico has become a little better recently since enforcement of many regulations. Please continue to enforce the regulations in keeping the Asian fleets from depleting the billfish and tuna supplies.
128. I feel strongly about size and number limits. They should be enacted or if in place now should be enforced to help insure productive and ecologically sound waters.
129. Why just one-day trip? I go to Cabo for a week and try and get in a ten day trip a year. I'm fishing out of Port Avitra in Feb. 1992. Any information you can send me would help. I fish a lot and would love to help you in anyway. If you can use me for anything please let me know. [Name, Address]
130. This year was the slowest it has been in the 7 years I have attended our company's charter. Very few fish were taken with a boat loaded with 40-50 anglers, some very experienced.
131. Keep the longliners out!!
132. Your questions are directed to the last trip. I have fished in Cabo several times and we spend a great deal more on those trips. As my sons grow we plan many trips to L.A. Bay, Loreto, La Paz, East Cape & Cabo. We enjoy sightseeing and other recreational activities as much as fishing.
133. The future of sportfishing in Mexican waters depends on stricter laws against foreign gill netting. I hope this is one area your government is looking into. Sportfishing under current limits will never ruin fish populations or migratory fish.
134. The quality of fishing has diminished considerably over the past 15-20 years--especially for wahoo and non-migratory fish. I hope that your Department of Fisheries can successfully regulate commercial and sportfishermen in order to regain and preserve good fishing in the future. I appreciate the privilege of fishing in Mexican waters.

135. If fishing don't get any better than it has been in the last few years, I personally will quit fishing. I have fished all my life, but only the last 16 years I fished in Mexican waters. The fish catching count has gradually got less and less. It's getting to where it isn't worth going any more if it don't get better.

136. My youngest son, his close friend accompany me on a boat out of San Felipe to the Midriff Islands in the Mar de Cortez. We stay overnight in San Felipe and spend about \$100 each on food and lodging. The trip costs us \$575 each and we pay another \$25 each for gratuities for the Mexican crew.

137. You are doing a fine job managing your fisheries. I wish the United States was more concerned with gillnetters along their coastal waters. If the world doesn't stop this method, there will not be fishing for anyone.

138. I consider it one of the best.

139. Fishing out of San Diego does not seem as good as it once was but fishing out of a port in Mexico has not been affected. I have sincerely enjoyed all my visits to Mexico, its waters and especially its people. Good luck on your survey.

140. Used to fish on Mexican boats out of Ensenada. In recent years cost of toll roads, fishing fees and RV fees make going to Mexico expensive. Not to mention insurance fees. It's more economical to stay in San Diego and use U.S. boats. Fishing is about the same.

141. I am not a regular fisherman, but I had fun and hope more people can have the experience. Good luck in your work with this project.

142. Belong to an anglers club--several trips planned each year to various places in Mexico. Keep the rates and license fees reasonable and I will continue fishing in Mexico.

143. One trip was 3 day long range out of Ensenada. One was one day out of San Diego.

144. I'm interested only in scuba fishing, not pole fishing.

145. I enjoyed the experience very much and will probably return.

146. It would have been nice if we could have caught something! 32 people on board--only two fish caught. Probably won't go again.

147. All persons on a charter dive boat which goes into Mexican water must buy a fishing license even if they don't fish. This is a policy I don't like.

148. I think the Mexican sportfishing fleet should improve their equipment and maintenance of it. Example, better rental equipment and better electronic gear like depth finders etc. The prices and service are fine. One "big" issue or block is the ridiculous fare of the toll road. This stops me and the general fishing fanatics from making the trip to Ensenada. You spend at least 3 times more on toll road fare than gasoline. Looking and doing some thing about this situation would improve your fishing drastically.

149. The last two years of long range fishing from San Diego has been non-productive. I do not plan any immediate or future trips at this time. My vehicle was vandalized at the landing during the last trip and the escalating expense of long range trips plus the attitudes of the sportfishing boat crew members has forced me to seek another hobby closer to home.

150. If you continue to allow purse seiners and trawlers to continue to rape our oceans with no regard for others, soon you will not have any more fish to catch!

151. I appreciate the Mexican government's efforts to encourage anglers to enjoy the fine fishing and scenic Mexican coastal areas. I also feel the conservacion efforts are worthwhile. I hope to enjoy these experiences for many years to come.

152. I have found bag limits and enforcement of same to vary widely from area to area. For example, in Loreto the 2 dorado per day limit is strictly enforced. In Cabo San Lucas I was told that the limit is 5 per day per angler. In Mazatlan I was told not to throw anything back as extra fish is given to the poor or sold by the crew. One day we killed 2 sailfish, 3 marlin and more than 25 dorado at the insistence of the captain and crew (for 2 fishermen). We only kept 4 dorado between us. If the Mexican government does not relax bag limits on sportfishing catches on foreign and domestic originating trips, your tourist industry will surely suffer. Why should an angler spend 300-400 dollars for a two day trip into Mexico from San Diego to catch 10 fish when he can fish tuna off the California, Oregon, or Washington coast with no limit and no hassle?

153. I plan on routinely traveling to Mexico to fish. I plan on staying at some of your resorts, because I will be closer to the fish and get more fishing time, as opposed to taking a multi-day trip from San Diego. Take care of the fishery.

154. Look forward to many more trips with longer stay--5 days or longer.

155. Thanks for your interest.

156. Important to do away with netting by commercial fishermen. This is destroying sportfishing.

157. If bill fish are not tagged and released you are going to deplete your natural resource. The Mexican boat captains take the fish even though the angler doesn't want the fish.

158. I have done quite a bit of scuba in Mexico. I have been diving in La Paz, San Benitos off Baja and to Cozumel as well as Punta Banda. Most scuba did not include fishing or spearing.

159. Five days at Cabo San Lucas, two days with cruiser. Total cost \$1000 per person--4 persons.

160. It's not what it used to be.

161. I would like to know how and why you are conducting this questionnaire and seeing as I took my time to fill it out please take your time to send me a response as to what you hope to learn and gain. Thanks. [Name, Address]

162. One thing I like about fishing in Mexican waters is not knowing what you will catch. You never know but the possibilities are fantastic, plus it's never crowded and so relaxing.

163. Recent trips not producing much.

164. I don't think the one day/overnight trips are representative of the money spent or the type of fish sought in Mexican waters. The longer range trips are more apt to catch quality fish. At this time I feel the catch limits are a bit restrictive, but they are better than initially proposed. The coastline is beautiful as is the water, and the local fishermen have been friendly and usually helpful.

165. Could have been better fishing, maybe yellows.

166. None except I would like to see the fishing limits to go back to the older limits.

167. I visit Baja each year since 1986--La Paz, Loreto, East Cape, Cabo San Lucas. My complaint is taxi drivers always over charge our group traveling from airport to hotel or return. Also fish caught and frozen in facility freezer is always some amount missing. One trip, we had 2 pieces of fish in our ice chest left from approximately 20 pieces upon return to LAX. Otherwise Baja is great. Also whenever tuna come into the Sea of Cortez, Mexican commercials come in and wrap them up leaving poor fishing conditions. Please protect fishing for sportsmen or we will quit going to Baja with our large amounts of money spent there. Stop long liners also. Stop drift nets as well. Keep fishing good and all my fishing friends will continue to visit Baja. Thanks to the Mexican government.

168. It was the best time I had in a long time. I would like some information on fishing in Mexico Baja area if that is possible. I am impressed that you care this much to send out a survey. Thank you.

169. I wish you could send me a map of Baja California's fishing ports or landings, a place to rent pangas. As I wish to try panga fishing and other types of fishing fleets.

170. Everyone I associate with enjoys fishing in Baja. If there were more sportfishing resorts besides Ensenada, I'm sure they'd be patronized. If you want to protect your resource and develop tourism at the same time then restrict foreign commercial fishing and develop sportfishing. Sportfishers are sportsmen. The commercial fishermen are money motivated and are interested in more and more tonnage. Sportfishermen respect limits which are fractions of the commercial. We all love Mexico to fish and visit. The prices are reasonable and the fish abundant! Good luck.

171. Good fishing trip.

172. I enjoy going fishing, the boat ride, the fresh air, the fish I catch or give away. I eat all fish species that I catch.

173. Keep up the good work.

174. I'm very interested in fishing and hunting in Mexico. It's getting too expensive. I feel that the amount of money that USA people spend in Mexico is a great aid to extra revenues for Mexico. I feel that the Mexican government has and is getting very greedy because they see the dollar amount that people from the U.S. will spend and the government wants it--the money that is. When I can go hunting and fishing in Mexico without any hassle please call or write me. Thank you.

175. Congratulations on the new fishing re-regulations. Everyone I have talked to is happy. This should help the overall fishery. Now your government needs to really crackdown on the Orientals in the gill net boats. In recent years, Mexico has gone to a fishing heaven to almost nothing. This will hurt your economy worse than you think. We can still fish our waters which are now just as good as Mexico's. The average fisherman (non-commercial) can't catch more fish in a lifetime than 10 seconds of a gill net boat. Times this by 700 boats, the Taiwanese fleet, and you get an extinct fishery and no 0 economy improvement.

176. The new fishing limits seem to be fair. The temporary limits (put in suddenly late last spring) were too impractical and if they would have stayed in place, would have kept me from going to Mexico for fishing.

177. Fight for zero pollution. Stop the gill netters! Stop the purse seiners.

178. I support Mexico's three tuna limit or whatever limit they wish to set. Personally I couldn't eat more than three tuna, and catch and release still means you get to catch fish. Thank you for the questionnaire.

179. I have fished in Cabo San Lucas for many years and I feel because it has become so built up that I will probably start going to Loreto from now on.

180. On our last fishing trip we were off the coast of Tijuana. We did not catch any fish due to the captain of the sport boat left because we were constantly dragging on the reefs. We do hope to return soon and would like info on how the fishing is in the winter months and the best location to charter. [Name, Address]

181. I consider tuna limits low when considering how many below limit trips are taken.

182. My father filled out this survey. Every answer is based on him except question #30.

183. Reasonable limits (10 for tuna types, and others as appropriate) are understandable and commendable. Two fish per just sounds like you guys are being spiteful. There should be more coordination of limits with the state of California. Hunting bag limits should also be coordinated. We are not all rich and don't appreciate the rich gringo attitudes.

184. My favorite place is Cabo.

185. Why do you want this information?

186. Fishing in Mexico is the most exciting thing I have ever done. You guys are great. Thank you for letting me fish in your waters!

187. It was a tough year for good fishing. I would like to see the Mexican government impose a ban on gillnet fishing similar to the gillnet restrictions imposed on fishermen in northern and southern California.

188. I love Mexico and the Mexican people. Fishing is great. I personally catch and release most fish or give to needy Mexican families for food.

189. Fishing success going steadily down hill. Have had great experiences in distant past.

190. Stop the use of gill nets in Mexican waters!

191. Because of the greatly reduced limits for tuna in Mexico, I have discontinued long range fishing trips and will probably discontinue overnight trips. I plan to fish for salmon, lingcod and other fish in North American waters. In the past, I spent \$2000-5000 per year fishing in Mexican waters, Baja, Loreto, Ensenada, etc.

192. Charges are greatly inflated compared to services received, when leaving San Diego. It is becoming better to go to Baja to catch one of their craft.

193. The quality of sportfishing diminishes each year. I hope you are able to stop the commercial destruction I have personally witnessed from the Japanese fleets.

194. Only that I would like to find out about fishing opportunities out of Mexican fishing villages.

195. I fish mostly with a Mexican nationalist living in San Quintin, Mexico.

196. We license our private boat and also buy individual Mexican licenses, and the prices seem a little high. Important: I would trailer my boat to Mexico many times a year if the police officials were not so corrupt and money hungry. I love the area and the people, etc., not the police.

197. New limits are too low.

198. My employer has a charter (1 day) to the Islands of Coronado each year for about 50 employees. He has been doing this for about 10 years. I normally go to the Islands about two more trips a year but not in '91. I have a boat and my three sons and I enjoy fishing a lot. This boat I have now is capable of making the islands in fair weather. Just to fish three or four weekends a year, I don't know if the fees for boat and people are worth it. Thank you for your concern. My boys and I do enjoy fishing in the ocean.

199. Until about 3 years ago, I fished tip of Baja two times a year. Great place, great fishing. 1) Stop the Japanese long-lining!! 2) Encourage catch and release. 3) Good treatment of American tourists by Mexican officials and citizens.

200. In terms of money, we spent a good deal on meals before and after both departures and returns. As well as gifts for our kids.

201. The further down in Baja the better!

202. There are two items that bother me: 1) The amount of trash thrown overboard by cooks is disgusting. 2) The use of shotguns killing sharks to keep away from live bait hooks and fish on line should be stopped.

203. I hate the seals stealing the fish.

204. Mexico water have been overfished. I do not intend to fish out of San Diego again. Next fishing trips will be to Canada.

205. I always enjoy.

206. I believe the cost of fishing is becoming prohibitive for the average fisherman and fishing is lousy. We are going to lose a lot of fishing friends because of cost plus poor fishing.

207. Yes. Please stimulate more fishing interest in your country by NOT imposing further restrictive fish limits. For example, 5 albacore for a multi-day trip discourages me from paying the \$150/day for a long-range trip.

208. Yes, please keep the Japanese and all other commercial fishing fleets out of the Gulf. Loreto and Cabo San Lucas have not been as productive as in the past years. Encourage Mexican skippers to release some of the catch.

209. I always have enjoyed my fishing experiences in Mexico. The fishing is always great and I have always been treated great. I plan to go at least once a year.

210. The areas "X" are no concern of yours! Quit sending these questionnaires!

211. I enjoyed the clean clear waters of Mexico but was disappointed when we were unable to catch anything in supposed peak season.

212. Caution landings in San Diego and Mexico not to price themselves out of most people's monetary range. Put greater emphasis on getting youngsters started in fishing with more "training" trips. This would also apply to teens and adults who are intimidated by deck hands and other anglers and therefore never made a repeat trip.

213. Reduce or harvest some of the sea lions which prey upon sport fishing vessels visiting the Coronado Islands.

214. You need to make boat permits and fishing licenses more available.

215. Please stop ALL gillnetting and longlining.

216. Fishing is getting worse each year.
217. Good place to fish.
218. I'm hooked! Most exciting sportfishing I've ever done.
219. I have had some very good trips into Mexican waters. However the last trip was not good. We could not find any yellowtail, or they just were not biting at the time.
220. Placing a limit on the amount of fish you can catch is not a good thing to do. You have a hard time catching the limit anyway but if you are lucky enough to get into a good school, let the fisherman feel good for once.
221. Please let us enjoy the good fishing.
222. Perhaps another questionnaire regarding problems encountered in sportfishing in Mexico would be next. "Stop netting by anyone; gill & trammel & long lines should be stopped!!"
223. We have family living in Mexico & enjoy fishing and visiting. We fish with local fishermen as friends and also in their professional capacity. The fishing was on a downturn for a number of years. I think it has turned around again since the Govt. has taken more stringent measures to stop the Japanese from wiping out the schools. As a visitor to Mexico & an avid fisherman, I am happy to see the Mexican Dept. of Fisheries taking such a strong stand to help bring a turnaround in resource. Good job! Thank you!! Sorry I took so long to return this.
224. Yes, lack of fish. Stop the gill nets, etc. Years ago it was great.
225. I sincerely hope that the government of Mexico takes seriously the natural treasures that its country holds, so that they will be there for future generations to enjoy. I feel this is a critical time for the future of Mexico's resources and Baja in particular.
226. Keep the Japanese boats out! Ban gillnetters/drifters /longlines.
227. Most of the fishing trips to Mexico I make are with small groups, 8-12. We usually drive to Bay of Los Angeles, Santa Rosalia or... We take 7-8 days and fish 4-5 days depending on travel time. We bring our own equipment but always use a local boat & guide. Every year we plan a July-August trip for dorado - yellowtail. Sportfishing trips from San Diego or Ensenada to U.S. are too crowded and usually disappointing.

228. I'll keep coming back for many more years. Marlin fishing at Punta Colorada was superb. I was pleased to see how clean Cabo was. Keep out the longliners and gillnets. Encourage catch and release marlin fishing. Your revised tuna limits make much more sense than the original limits. I've fished Mexico 50 times in the last 10 years.

229. Stop the gillnetting and the long lining and commercial spearfishing in your waters. You have the greatest fishing potential in the world.

230. Most of my fishing in Baja is aboard Mexican owned pangas. Fishing licenses should be made available for purchase in Baja at all fishing areas.

231. We had a poor guide and probably will not fish with him again. We would like more information about guide selection and good fishing times.

232. My fishing experience in Mexico was enjoyable but the quantity of fish seems to be declining. Efforts should be made to preserve this fragile resource from gill nets and overfishing.

233. Blue water was great!

234. Thank you, I had a nice trip.

235. I am building a boat that will be used to fish in L.A. Bay, Mulege & South. Please protect the sport fishery. No long liners in the Sea of Cortez.

236. I will be stopped from fishing in Mexico water because the cost is too high for 10 fish a day.

237. I enjoy fishing San Diego boats in Mexico and fishing for marlin and tuna at East Cape.

238. This is my first fishing trip to Mexico. This was a company trip.

239. My 1987 fishing trip to Cabo San Lucas was excellent.

240. My son did catch one skipjack tuna and we will probably return next year for my company's second annual fishing trip.

241. Netters have hurt the fishing in Mexico. Sport fishing doesn't deplete the schools to any large degree.

242. Please send me some more information on your fishing rules and regulations. I just want to make sure I'm not breaking any law. Thank you.

243. I have been fishing in Mexico for over thirty years. From the Coronados, the Revillagigedos to San Felipe and most places in between. Some of the best fishing trips of my life have occurred in Mexico, but I have seen the quality of fishing decline dramatically in the 15 years. In my opinion this has occurred because of gillnetting, longlining, and seining (specifically for anchovies and sardines, but to a lesser extent shrimp, tuna and squid).

I heartily applaud the Mexican government for their stand on the Japanese longlining issue, and the result is readily apparent in just one year. The marlin catch off Cabo San Lucas and Mazatlan, and the swordfish sightings off of Mazatlan have been the highest in years. I realize that Mexico has a lower standard of living than the U.S. and the fisherman that is gillnetting a school of yellow tail at San Francisquito is more concerned with feeding his family than wiping out the school, but we must all realize that the ocean is not an unlimited resource. Any method of fishing that takes all of that specie at once cannot be allowed. Sportfishing (hook and line) is not going to seriously deplete the stocks--even if there is no limit--billfish excepted.

I am impressed that you are concerned enough about the situation to bother sending out this questionnaire--good luck!

244. Over the years the fishing has gotten poorer and poorer, and the cost of permits and boat fares have escalated, making it harder for fixed income retirees to participate in the sport.

245. Over the years, the quality of sportfishing has dropped considerably. I believe that the main reason for this is overfishing by the commercial fleet. I think that Mexico should regulate the commercial catch of fish, both bait and game fish. The banning of longliners was a giant step in the right direction. There are enough fish for both commercial and sportfishing interests if they work together and manage the resource. As the cost of fishing increases and the quality of fishing decreases, I am more reluctant to fish as often as in previous years.

246. The total cost of fishing trips to Mexico has increased to the point where our group of fishermen has cut back on the number of trips. 15 years ago we went almost every weekend during albacore season. Usually made one and sometimes two long range trips a year. Also made at least one trip into Mexico for 3 or 4 days of panga fishing. We now fish locally more and only about 1/4 or less of what we did in Mexico.

247. Rid the area of gill nets, upgrade the catch limits for sport fishing boats from the U.S. port.

248. None, except I welcome the opportunity to contribute to this survey in hopes that sportfishing in Mexico will/can continue.

249. My saltwater fishing experience in Mexico consists of the following multi-day trips from a sportfishing boat of American registry leaving & returning from San Diego, Ca as follows:

- 1 ea: 5 day trip
- 4 ea: 10 day trips
- 1 ea: 23 day trip
- I love fishing in Mexico!

250. Enjoyed it--great fishing--want to do it again.

251. The fishing license was required on the chartered scuba diving boat. I was not interested in any type of fishing.

252. I never went fishing in Mexico. But, since you obviously insist that I fill out this questionnaire, I have done so. Thank you. P.S. Had a great time not fishing!

253. I thank PESCA for being responsive to sportfishing concerns

254. Fishing in Mexico whether or not from shore or boat has always been a pleasure. However the limits now set & the cost to our fishing fleet make it more expensive & less productive. If this trend continues I and many like me will be fishing & traveling less every year in Mexico. I seldom fish from shore anymore because license I buy for Mexico at \$25.00 or more a year is not good when I go fishing with our fleet. Making us buy permits while already having a license is another case of "the bite" and does not promote tourism!

255. It was not a fishing trip. It was a scuba diving trip for pleasure--no fish was caught.

256. Stop the longliners, gillnetters from depleting our natural resources.

257. Fishing in Mexican waters can be very enjoyable. This year was not best fishing but it is still fun to get out there. In 3 years I have fished in Mexican waters probably 10 times. I have never seen the fishermen abuse their privileges. The fishermen I have fished with have been very careful.

258. I hope that you people preserve the fishing in Mexico, because it's great and it is also a very beautiful place. Please try to keep it clean.

259. Question #7 did not apply to a private yacht.

260. Yes, I'd like to take a long range boat to Mexico to fish around Loreto or Mazatlan or the Cabos, but it seems to be very expensive. If it were more like \$40 a day per person, I'd go and take my wife.

261. We leave on another trip Nov. 1 to Cabo San Lucas. We love Mexico and the fishing is great.

APPENDIX D-2.

RESPONDENT COMMENTS

FROM MULTI-DAY CPFV QUESTIONNAIRE

1. More concern for Mexico's environment by their government. Less foreign interest that deplete Mexico's fish population. Long lines, gillnets, seines, etc. If Mexico loses its fish population, Mexico will lose American fishing money.
2. Just great--love Cabo San Lucas--Mag. Bay area very nice. Long range trips (16+) are my passion. New limits, if enforced, would make me change my fishing plans, at least one 16 day trip each year.
3. Yes. Please do not put restrictions on long range fishing that people won't be able to go and catch fish.
4. I really enjoy the long range trips. Sometimes I'm not as lucky--but that's fishing!
5. I would like to see REASONABLE daily catch limits established for San Diego sportfishing boats fishing in Mexican waters. Sportfishermen are NOT the anglers who are depleting fish stocks in ANY ocean waters. We need to stop high seas drift netting, and establish reasonable catch limits for commercial fishermen from around the world fishing in Mexican and American waters, as well as international waters. Fishing in Mexico has always been a pleasurable experience for me. I have had dealings with the Department of Fisheries officials, and they have not only been helpful, but extremely courteous and professional, unlike the American Fish and Game officials. I will continue to fish in Mexican waters for as long as I'm physically able.
6. Sportfishing should not be considered a threat to Mexico. Equitable laws for commercial fishing should be different than laws for sportfishing. Why are limits necessary on sportfishing boats?
7. I think that foreign commercial fishermen should be banned from Mexican waters.
8. Principle reason for trip was whale watching--fishing incidental.
9. Stop gill drift nets.
10. The newest regulations limiting the number of fish that can be caught generally seem fair. Any more rigorous restrictions however would be ill-advised. Please do not do anything that would prevent the San Diego fleet from operating in Mexican waters. I have serious doubt that I would fish in your waters without the existence of the San Diego fleet. As a final matter, please do not let the Japanese/Korean commercial boats operate in your waters, or at least restrict their operations.
11. Very good, thank you!

12. Sportfishing boats do not kill thousands of fish wastefully unlike net boats and trawlers. The Mexican government needs to crack down on these types of fishing boats. The marlin boats out of Cabo need to put more emphasis on catch and release of these types of fish. And for mounting they can still be released and mounted.

13. I am glad to see that the Mexican government is taking a thorough look at the impact of Americans fishing in Mexican waters. I have fished from Coronado Islands (1) to San Luis Gonzaga (14) during the past 20 years. The unspoiled nature of the Baja Peninsula is one of my greatest joys of life. I realize that you are under pressure to allow the American sportfishing fleet to fish with open limits. Some trips are so good that every angler can "limit out" every day of the trip. Most trips require travel days that preclude limits on any species of fish. I believe that the current limits will preserve the fishery without any changes. I look forward to many more years of fishing in the Baja. If I can be of any more help in your survey, or in any other way, please contact me. [Name, Address, Phone]

14. Just watch out that your government does not increase fishing license too high because you will lose some fishermen. We also spend about three months in Mexico every year.

15. I started fishing the Coronado Islands as a boy of 18 years. I fished commercially for albacore and broad-bill swordfish late 1940. I started long-range fishing in the 70's 4 to 10 days. Lately I've been going 14 to 16 days for tuna and wahoo. I find it a pleasure for the Mexican government to allow this kind of fishing. Please take care of the resources.

16. I don't think your restrictions against long range fishing limits are very reasonable. You should instead cut back the gillnetters and purse seiners in your waters. They are the real problem, not the long rangers!!!

17. Keep Japanese or other foreign commercial fishing boats out of these waters--leave for the paying sport angler and Mexican fishing business.

18. Fishing in Rocky Pointe is one of the greatest experiences anyone can have.

19. I believe Mexico has a right to regulate its fishing in its waters. It's your country, your waters and your fish. I feel also that any and all quotas on fish should be fair, reasonable, and benefit Mexico's economy. As you can see I do spend a lot of money on fishing, particularly in Mexico. I look forward to many fun filled trips both as a tourist and fisherman in your country. Good luck.

20. It was very interesting filling out the questionnaire. I enjoy long range fishing in Mexico, and try to go at least once a year. I am glad that they raised the tuna limit back up. I am not a "meat fisherman" that is taking too much, but I do want to catch quite a few to eat.

21. Would love U.S. and Mexican officials work together to better fishing off Mexican coast and keep out longliners and gillnetters.

22. Your new fish limits are O.K. But no more. When you spend \$2500+ per trip you have to be able to bring enough fish to fillet for family and friends. I will not fish in Mexico out of any vessel which departs from Mexican ports--cannot bring fish home, and lack safety precautions. Thank you for many years of sportfishing pleasure in Mexico.

24. Excellent--Don't spoil it.

25. Too many boats!!! They take all tuna and anything else that gets in net. Alijos Rocks was stripped of tuna (256 tons) in July. Netboat loaded and left upon our arrival. Illegal boat.

26. I am greatly concerned about recent changes in regulations. Catch and release is fine for bill fish but not tuna and wahoo. If changes are not made sports fishing in Mexico may be a thing of the past.

27. No, you have covered it very thoroughly.

28. My experiences fishing in Mexico have all been memorable. I look forward to future trips and am very satisfied with the new amended limits. Thank you.

29. I hope the clear waters of Mexico remain the same for the future. I really enjoy going to Mexico not to just fish but to vacation. I've traveled all through Mexico and I love the people and places.

30. I have retired five years. I fish an eight day trip, two trips of three days, and one four-day and 10 day trip each year from San Diego. I fish four to six trips on a daily basis from Ensenada. I do not find fishermen are catching too much fish. On my last trip on the Spirit of Adventure from San Diego my guest and I caught zero fish on a three day trip. I am going to reduce my trips because the boat and license charges are too high.

31. I enjoy the privilege of fishing in Mexico. Thank you for your hospitality. J.B.

32. I had a good time and my family loves to eat the fish. I want to continue fishing in Mexican waters.

33. Present fishing limits are O.K. for long-range boats from San Diego, but lower limits would surely curtail a good many fisherman from going on long-range trips. Please safeguard your fishing by curtailing long-line, gillnet and net fishing in your waters. I have had a vacation home in Mazatlan for 17 years and fish a lot while I am in my home in Mazatlan.

34. I love the long-range trips into Mexican waters. I was happy to see the recent change in the new Mexican fishing regulations to increase the catch limits on these trips. My wife and I are tentatively planning a January trip to the Cabo area for a few days and we will fish pangas or cruisers while there.

35. Much enjoy fishing in Mexico. Just returned from area 11 Loreto for a five day trip. Spent 3 days fishing pangas and caught dorado, yellowfin tuna, rooster fish and grouper.

36. I fish almost exclusively long range out of San Diego, I fly back from La Paz to San Diego. I go on two 16-day trips a year and spend approximately \$200-300 in Mexico while there. I considered canceling my trip when fish limit was imposed by Mexico. I won't drive down to Mexico or fish out of Mexican port. I prefer San Diego boats and skippers. I get greatly irritated while at Clarion Island. We always get boarded there and the Navy personnel always demand beer-sodas-cigarettes and liquor for free.

37. My family also fishes at Bahia de Los Angeles (area 13 on map). We love the fishing and the people. We keep only fish that we will eat. We agree that there should be sensible limits on certain fish. The new regulations should help us all. J.K.

38. I am very concerned about recent limits on fish catches by sportfishers. This will have a significant impact on long-range sportfishing fleets. I will not travel to Mexico to board sportfishers. Sportfishing has a minimal effect on fish populations when contrasted with commercial or environmental/climatic changes.

39. I have 74 days booked on the long range sportboat Royal Polaris in 91/92 season. I average 50 days a year on these boats. I also travel to East Cape 10-15 days a year. I would like to see a better organized effort by Mexico to promote tourism and fishing rather than trying to milk it.

40. I enjoy driving down & fishing on pangas. The people are very nice. In all the years of fishing in Mexican waters I see more & more gillnetters & purse seiners moving on top of the kelp when we have to go back in. They wait out there and drift. Planes will go out every other day & look & cover great area. When they spot fish on kelp or big moving schools, they fire up the engines and move in for the kill. I've seen it with my own eyes. These are American gillnetters. P.S. They use side band radios.

41. Please limit the amount of fish kept from Mexican waters. I fish only for the sport of it, and wouldn't mind releasing all the fish I catch. Also, the biggest problem in Mexican waters are fish taken COMMERCIALLY!!!

42. I appreciate the opportunity of fishing in Mexico and hope I can continue without further restrictions. Thank you all for the privilege.

43. As you can see I just started fishing. But I think that the limit of fish (tuna) that we can catch is a bad idea. We are not the ones that are depleting the ocean of fish. It's the seiners that are doing that.

44. Nothing but good. Rancho Buena Vista excellent. El Presidente excellent.

45. I like new negotiated limits. I fear that long lines and foreign commercial fishing are impacting Mexico's fishery.

46. The only problem I have found in Mexico is that most of the commercial fishermen over harvest the supply. They often take more than they can sustain a balanced biomass. They usually only think about themselves for the moment. If they would think about the source of their livelihood and harvest it in a conservative manner everyone could benefit.

47. I would like to try panga fishing from a resort in Mexico but I find the San Diego sportfishing fleet more attractive for these reasons: 1) Knowing exactly what a trip will cost (no hidden fees, airport tax etc.). 2) Everything is taken care of by the crew of San Diego boats. They handle the permits, no hassles with custom lines. 3) When I wake up in the morning I am on the fishing grounds for the morning bite with live bait at my disposal. I have friends who fish from different resorts in Mexico, they complain that a day of fishing in a panga consists of meeting the panga guide at 9:00 AM (because the guide was out fishing commercially during the morning bite), fishing till 1:00 PM and then back in again (sometimes without live bait). I visit Mexico as a tourist and enjoy my resort vacations but when I go to Mexico to fish I want to do nothing but fish. I fish for the sport. I believe in conservation. I would never take more than I would use. Also I'd like to say that the newest limits put on the sportfishing anglers to be fair and responsible. Thanks for this opportunity to express myself. I am pleased that the government of Mexico cares enough to send me this questionnaire.

48. Owning my own business in fishing tackle I have to educate the general public in what is legal and illegal and the changes made each year.

49. We greatly enjoy the fishing experiences that Mexico has to offer. Through the years we have spent many vacation dollars in Mexico because of all it has to offer. We will continue patronizing Mexico and help in their conservation efforts (by releasing small fish) as long as unreasonable and unfair regulations are avoided.

50. Fantastic--great to see the concern of the Mexican government for the fisheries. It is a great resource and it is good that the Mexican gov't. is willing to share the fisheries with other nations. We appreciate your willingness to re-evaluate your limits on fish catches. This questionnaire is a great way for our two nations to work together. I will strive to be a more concerned sportfisherman and relay this concern for conservation to my fishing companions. Thank you for working with us on this matter.

51. Although I fish with rod and reel, I am a conservationist. All fish that I take are used for human consumption. I hope that your government will take steps to regulate the killing of dolphins, the use of long lines, gillnets etc. During the thirty years or so that I have fished your waters I have seen a definite decline in the quantity of fish in Mexican waters.

52. I have fished at practically every fishing resort in Mexico including: Las Palmas, Rancho Buena Vista, La Paz, Loreto, Mazatlan, Ensenada, Palmillo, Acapulco. The above fishing is in addition to long range trips from San Diego. I fish for sport and also for food. I do not take from the ocean any species of fish that I do not eat. I have always enjoyed Mexico, the people, the friendliness, the warmth of many good companeros. I am the only lawyer in the world that uses a marlin for my office logo. [Business card with marlin logo enclosed]

53. I would like a report on outcome of this questionnaire. I am a sportfishing writer.

54. I hope this is helpful to you. I enjoy fishing in Mexico more than any other place on earth and hope and plan to fish Mexico in the future. Thank you.

55. Flying home from Mexico I have noticed many coolers filled with fillets of dorado and cabrilla returning to U.S.A. with fishermen. I feel they should be limited in the amount of fish they bring back with them to the U.S.A. from Mexico. (In our country fishermen are limited in the number of fish they may take home in one day.) I also agree that on long range trips from San Diego by U.S.A. fisherman that they should be limited on the amounts of fish taken according to varieties and scarcity. More tag and release programs should be encouraged by your government and ours as well.

56. STOP THE GILLNETS. Sportfishing in San Diego has done nothing but help the Mexico fishery. In return the fishery has done nothing but raise fees and let Japanese and others fish for no fees and wipe out some of the best fishing in the world--OH WELL!!

57. I offer my observations: It is obvious to a veteran traveler, business man, fisherman such as myself the old "mordida" system has itself deeply rooted in the sportfishing business in Mexico. The system puts pressures on any industry that it infests, which make progress or modernization almost impossible to achieve. The chaotic situation I observed in Cabo in Oct. 1990 was laughable. Each morning 100 or more boats converging on one dock for food, beverage, ice and bait all at the same time was like a comedy movie. Boats bumping, horns honking, people shouting, "etc", "etc". On average, each boat must lose an hours fishing time each morning which is prime time fishing. I found it hard to believe what I was seeing. Mexico still has a great natural resource left in its fishery, even though it is not what it once was. This great resource has been vastly damaged by commercial fishing interests in Mexico. All commercial fishing in Mexico should be limited and sportfishing and diving should be marketed world-wide thus providing billions of dollars of revenue to Mexico for many years to come via tourists who will visit to fish and dive for sport. The commercial fishing interests will do to every species what they did to the "totuava" if you don't stop them, and keep them to very strict limited quantities. Such as, for the consumption by tourists while in Mexico only. Don't let the commercials export your resource, use it to import tourists!

58. Trip was for whale watching in Ignacio Lagoon and visits to view wild life on several offshore islands.

59. I applaud your tightening of regulations. Please keep the Japanese long line drift netter out forever. Stop the spearfishing and the poaching of totuava. Too many tuna seiners. Your waters are the last great unspoiled fisheries left on earth. Sportfishing is your greatest future cash source. Stop polluting your oceans--please protect your marvelous waters for my children and yours!

60. I would like to thank the Mexican government for the ongoing conservation efforts. Also for re-thinking the new tuna limits. San Diego is a class operation that prides itself on sport fishing. The skippers do not tolerate waste. San Diego skippers have put self initiated size limits and quantity limits on certain fish. They realize that quality not quantity is what will keep their customers coming. I have noticed in my 19 years of fishing that fishermen will police themselves.

61. I think the compromised agreement made by Mr. Morales, the new Secretary of Fisheries, is great news to both San Diego sportfisheries & the Mexican government.

62. Your questions were within the last year. However, in years past I have taken fishing trips to Cabo, Loreto, Punta Colorado, as well. In the same year I went long-range fishing from San Diego. I love fishing in Mexico very much, and do not keep a lot of fish and usually give some to the natives in Mexico.

63. I have enjoyed the many years of fishing in Mexican waters. The variety of fish, the challenge of catching and landing these fish is very exciting. The San Diego sportfishing fleet owners and operators and the Mexican government administration is doing a great job of maintaining a sportfishing activity and all reasonable efforts to be responsible for protecting the fishery and environment. Thank you for an opportunity to be a respondent to this survey.

64. Please allow fish meat (all of catch) to return with fisherman from charters.

65. Disturbed by the amount of overfishing, wildlife destruction (seals) for use as lobster bait observed around native population centers. I realize the extreme poverty of native populations but the degree of overfishing observed will only serve to compound this problem. Another means of financial incentive/employment should be cultivated. Recommendations: trained and equipped guiding services, aquacultural enterprises, heavy charges for fish/shellfish/etc. which are shipped out of country. Let the end consumers pay more for your limited marine resources and use some of these additional funds to: 1) educate native populations as to the results of overfishing, 2) regulate the fishing/harvesting, 3) establish other employment options. Finally, whoever buys the lobster/crab catch should be responsible for providing the bait necessary for the traps/pots.

66. Yes.--I believe that only a very small % of fish are caught by sportfishing. The commercial fishing fleet are the ones who come into a school of fish and rape them until they are depleted. They should have more sanctions placed upon them and not on the sportfishermen.

67. Over the years I have seen the quantity of fishing in Mexico steadily decline. I have witnessed tuna boats net hundreds of tons of tuna in the area of Rocas Alijos, Roca Partida and many areas we fish on the sport boats. In one day these "commercial" boats wipe out a whole school of fish that sport boats could have fished for many months. You have just imposed new limits and regulations for sportfishing in Mexican waters. I hope that you will do the same for "commercial" fishing or I fear that there will be no fish for anybody to catch. As many people travel to Mexico just for the fishing, I hope these economic factors weigh in your decisions regarding commercial fishing. Thank you for listening.

68. Remove limit on wahoo. Fish is not conducive to tagging or releasing. Remove limit on tunas. Fish are migratory and one purse seiner with one set can catch more tunas than the whole sportfishing fleet can catch in a year.

69. I think you should stop gillnetters from fishing your waters, and not put as much pressure on sportfishing.

70. I had a very good time on my fishing trip and thank you very much for allowing me to fish in Mexican waters. I also enjoyed several cruises to Mexico both on the Gulf and Pacific (non-fishing). I hope I will be able to return soon.

71. The two speeds, weight lifting, and 80-100 miles each weekend on my bicycle will add five years (or five more tuna trips) to my life as a long range fisherman. It takes 3-6 months of planning for a trip and 3-6 months after a trip to repair/replace the tackle. I spend an embarrassingly obscene amount of money on tackle but it's my only indulgence (and I can afford it). I patronize four tackle stores so that no one store has an idea of how loose I am with the money. The uncertainty of the Mexican regulations has prompted me to book my next trip (in 1993) into Costa Rica. My 1992 trip has been booked for the past four months--one year in advance--as usual. Another problem which just surfaced is the substitution of skipjack for my yellowfin tuna when I picked up my filleted fish. I do not consider this an "even trade" although I must admit its "tuna for tuna". This is of course not the fault of the Mexican government. My records go back to 1971 and I keep a log of all my trips. I've never brought home more than 16 fish (excluding a sackful of "white fish") on any long range trip. These 10-16 fish, however, have usually been 400-850 lbs total--all of which is cleaned and eaten. We don't eat all. Most of it goes to my friends. The problem with the skipjack substitution is that most of them won't eat skipjack. My friends refuse to take any more tuna--even free!--without checking to see if it's skipjack. This is just one more sour note to the Mexican experience.

72. I enjoy making these long-range trips and hope to continue to do so. I don't feel that sportfishing has a major impact on the resource as compared with commercial takes. It's impossible to take all fish in a school like a seiner can. No spawners left! Purse seiners are very efficient and can target their catch with little loss. High seas gill nets on the other hand have a huge kill and loss problem. I hope your government never allows them.

73. Two trips to Cabo 1991.

74. Increase the limits that were just decreased. Please no longlining off Mexico! Specifically lower Baja!

75. I have enjoyed every experience of fishing in Mexico that I can remember. I've fished from pangas in Cabo and Magdalena Bay and from shore in Ensenada as well as annual trips on a long range boat. I've always been respectful of the resource be it Mexican or U.S. waters. Thanks for your interest in preserving this enjoyable resource. P.S. I eat everything I keep!!

76. I have fished Rancho Bueno Vista in the past. In the future I am restricting my fishing to Cabo San Lucas between September 15 and October 15 exclusively.

77. The 1991 fishing season in Mexico was very poor season compared to the 1990 season. Some say that the Mexican commercial fishing fleet for tuna including Mexican longliner and gillnet fisherman have striped Northern Baja fishing around from the tuna. I do not like to accuse anybody of mishandling the ecology. I think if Mexico "Pesca" will be fair to the American anglers in the next year I will definitely spend more time fishing in Baja California.

78. Please stop all gill nets in Mexican waters. In the last 30 years I have seen a great decrease in the number of fish in the water or taken on line. I love salt water fishing. Let us work together to save a good sport fishery.

79. I am concerned about the drastic decrease in tuna fish stocks out of San Diego (both Mexican & US waters). Also am concerned about the decrease in marlin and other fishing stocks off of Baja California Sur. If sportfishing produces most of the revenue required to manage the fishing stock, then greatly increased conservation efforts--such as banning driftnets--must happen.

80. Besides the eclipse we hiked on several islands (with permission) and it was wonderful.

81. My years of fishing in Mexico waters have always been a pleasure. My only regret is the commercial net boats running wild and taking anything and everything, no matter what the size or species. There is no way sport fishing with pole and reel will ever make a negative impact on fish populations. Tighter controls and enforcement should be taken with the commercial boats. I would like to see the old "bait" boats return with jackpoles.

82. I am grateful that the new regulations for fishing in Mexico were adjusted. We fish not only for the sport of fishing but most importantly we love to eat the fish we catch. If the regulations became more restrictive we would most likely stop fishing altogether since we could no longer bring home our catch. Thank you for allowing us to fish in your waters.

83. All my experiences have been good.

84. I am a saltwater fanatic. I fish Mexico at least 5-7 times per year both from San Diego boats and resorts such as Cabo, Loreto, La Paz, East Cape, etc. We spend lots of money on air trips and I hope you do what you can to keep sportfishing good!!

85. I made an eight day trip to fishing areas 5 and 6 in July and a five day trip in Sept. to area 2. I have been on more than 40 long range trips into Mexico since 1960. Fifteen of these trips have been to fishing area 7.

86. This was my first trip in Mexican waters. Although the fishing was slow, due to the presence of red crabs, I will return again to fish in Mexico.

87. I enjoy Mexico. Throw out netters.

88. Love to fish both the gulf and the ocean. Like Baja in general.

89. Don't make the regulations so complicated as to deter persons from fishing.

90. I have enjoyed fishing in Mexican waters since 1947. The license fees have always been reasonable, and the limits liberal.

91. Our family & circle of friends truly enjoy fishing in Mexican waters. We appreciate the responsiveness and spirit of cooperation displayed by the government of Mexico while amending sportfishing regulations this year. Many of our friends have flown to Cabo San Lucas and the East Cape for fishing trips and we will be making the same kind of trip during 1992.

92. I think the Mexican government is very sensitive to its wonderful fish resource. I hope it continues to take all steps necessary to insure that this resource is not put in danger.

93. I am very happy to see the government of Mexico interested in sport fishing. With the changes that have occurred lately with the reductions in commercial fishing and reductions in sportfishing limits to reasonable levels, Mexico is leading the way in salt water sportfishing. I am planning on making many trips into Baja to fish as long as Mexico retains their progressive attitude about sport fishing.

94. We have enjoyed the years of fishing in Mexican (and North American) waters and have aimed to save and use the fish caught. We commend your efforts including this questionnaire to control and preserve this resource. We hope to continue fishing from San Diego for a number of years in the future.

95. I've had good days and I've had bad days but I loved them all.

96. In 1965, we made our first boat-trailer trip to San Carlos and did so for each year until 1985. For years the fishing was superb but from 1980 on was very poor apparently due to use of gill nets by the local commercial fishermen. Gill nets should be outlawed.

97. Mexico is one of the last areas where the sport fishing is still good because the natural resources are still there. This is a very valuable asset to Mexico. The Mexican government needs to take care of it by controlling the amount of pollution that goes into the ocean from your country and should limit the type and quantity of fishing done in your waters.

98. Keep the Japanese long liners out of the sportfishing areas please!!

99. Please do not let the Japanese longliners, gillnetters or purse seiners deplete your fish population. Your fishing areas are the best in the world and are very valuable to the sportsfisherman. We have made several fishing trips over the past few years to Cabo, Mazatlan and Loreto, and intend to make more trips in the future.

100. Gillnets of large sizes should be banned worldwide. All small gillnets should be banned from nearshore areas. Tuna fishing should be done with jack poles until targeted schools of fish replenish themselves worldwide (or jig boats). Long range trips of 14 days or more limits could be increased to 4 or 5 day limits instead of 3 day limits. Tag and release all giant black seabass (100 lbs+). Overall I think Mexico is doing the right thing by preserving its sportfishing and getting rid of the mass rapist of the oceans.

101. I have a house in Baja California. I fish there 4-6 times a year, for just enough fish to eat for my stay in Mexico. I personally dislike the U.S. led (by campers) fish camps that go place to place, use the towns and water only (they bring all their own supplies and guides), take as much fish as they can then leave.

102. I appreciate the fact that the Mexican government is concerned about fishing that is going on in Mexico's waters and intends to control and monitor these activities.

103. You did not include a category if leaving from a Mexican resort where it was a multi-day trip. One of my 1991 trips was such (San Felipe).

104. Although this questionnaire asks about last year, I have fished in Mexico many times from their main land from Cabo. I have taken my wife & children to Mexico as many as 5 to 10 times in one year.

105. I have driven to Baja about 14 times since 1970. I have towed a boat 7 or 8 times. I fly to Loreto or East Cape and stay in resorts and rent Mexican boats at least once every other year. I usually stay 5 to 7 days. I enjoy visiting with the Mexican people very much and I hope that commercial fishing is banned in the Gulf of California to preserve the sportfishing. I would not come to Baja if there were not good fishing.

106. If Mexico keeps raising fees & limiting the catch my trips down there would be limited even more. I use to go down there up to 6 times a year, but with higher cost my trips have decreased.

107. I like to release billfish and extra large fish. The panga guides want to keep most of these for themselves. Please correct this problem so we may help the fishery. The worst offenders are the pangeros who gillnet and ruin the local fishery.

108. I feel very disturbed that the Mexican government feels it necessary to impose strict fishing limits on the sportsman, and yet allow the Japanese and other commercial fishing industries to rape the ocean. The amount of fish left to sportfishing anglers has become next to non-existent in the case of the albacore due to the commercial interests. I enjoy fishing and visiting Mexico. However please allow us to take what small catches we are able to get. Thank you.

109. Please don't try to establish a long range sportfishing operation in Mexico. It will be screwed up like everything else you try.

110. Keep up the good work.

111. I enjoy fishing in Mexico waters. I personally think that the fishing limits that Mexico has started is a long time coming. Please keep gill netters and long liners out of Baja as they (commercial fishing) has raped the coast of California. I don't mind paying for Mexican fishing licenses so long as the fishing in Baja stays full and plenty as it is.

112. I love going fishing in Mexico and I go at least once a year. The actual fishing experience (skippers, boats, etc.) has always been excellent. However, what I don't like is being taken advantage of by cab drivers, restaurants, hotels, etc. Although most people in Mexico are fair and honest, I have never had a trip where I have not been overcharged or over taxed (allegedly). There seems no way to police this and no one to report it to. Also I do not like the Mexican airlines, especially Air-Mexicana. They are very unaccommodating and unfriendly. Because of this I am thinking of fishing in other countries (ie. Australia, New Zealand, etc.).

113. I see so many problems with your fishery I hardly know where to start. I would like to see much more regulation on both commercial and sportfishing interests pertaining to the size and amount of fish caught in Mexican waters. This includes the Ensenada fleet. San Diego sportfishing interests have been taking advantage of and getting rich off your fishery for too long. The sad part is that most of the fish caught, especially on long range trips, have yielded over a ton of fish per angler. And fish that have sat in brine for days are only good for canning and hardly anyone cans their fish because the trade is not equitable, so what does one do with 500-2000 lbs of fish? They either give it away to friends who don't know what to do with a 50-100 tuna that doesn't taste very good and who don't know how to process the fish or even fillet the fish properly--or they keep in a freezer for 6 months before they throw it away or bury it under the orange tree in the backyard. Tuna, yellowtail, even wahoo, if not processed properly do not make very good tablefare, hence the waste. Americans have been wasting Mexican fish for too long. I have been guilty of it myself and lately have resorted to selling my fish illegally to markets who can process them properly.

114. We enjoy fishing in Mexican waters. My number one complaint is having to purchase daily license on sportfishing boats. When I buy an annual license for myself for my private boat, I think this license should apply on sportfishing boats.

115. Keep commercial fishing to a realistic amount. No deals to Japan.

116. Can we as sportsfishermen expect to see a return of the shrimp and sardines in the Sea of Cortez? Also the totuava that used to be so abundant around San Felipe? As a guest of Mexico I truly respect the new catch limits which are in effect in the Sea of Cortez, it's about time! My big gripe is the blatant overfishing I've witnessed. Are the Mexican commercials, i.e. co-oportivo or ejido fishermen, under any kind of limit? Or is it the "mordida" still turns one's head? Any chance of a response to #35? I possess hundreds of photos from Punta San Francisquito, all the way around Cabo San Lucas to the Pacifico, to La Bocano Abreojos.

117. Many of fishing boats and newspapers have talked how gill-netters have ruined the fishing. Many species have disappeared from our local waters. More control should be made before it's too late. Many of our oceans are losing and dying in front of us. Good luck.

118. Why should we pay for Mexican permit when we fish fifty miles outside the Mexican land?

119. This last long range trip in Mexican waters was the worst trip I've ever had because very few of any kind was caught. They just would not cooperate.

120. I think Mexico should rethink the U.S. limit on tuna. On the last 5 trips that I have taken in Mexico 4 trips were very poor fishing.

121. Best fishing in the world, would love to do it more. I hate to see the Japanese ruin it. Don't like to see the marlin in Cabo wasted like they are.

122. I enjoy fishing in Mexico and I spend a lot of money doing so. I'm sure this is a good boost to the Mexican economy. I'm afraid that I will not go fishing as much if tuna limits go down. I would like to see the commercial interests curtailed and sport caught/tourist type fishing increased. I don't think that it is fair that when I buy a Mexican fishing license that it is no good on a sport boat, I still have to pay for their permits. Lastly, I have stopped traveling by car down the Baja peninsula because of dangerous roads and police corruption. This has cost the economy of Mexico about 2,000 dollars a year. Thank you for your consideration of these problems.

123. Pleasant trip, but the catch was very poor.

124. Had a great time!

125. The joy of just being in a fishing environment is lost forever. You and San Diego want the money and you can't change it, it's sad. Men now catch 15 lb yellowfin when they should catch 200-300 lb! Summer 1991 July thru August fishing was extremely poor and extremely costly. Fishing from a panga and bait costs are staggering and shockingly expensive! Foolishly so! Perhaps all the foolish gringos or well-off blacks will pay? I won't pay anymore, because I am not going anymore. The San Diego boat owners are also foolishly too expensive. Greed has taken over your industry and San Diego's. In Mexico and San Diego, when the boat owners smile at you they only see money. There are too many fishermen now, too many on the water at the same time. Let the waters rest of fishermen for 3 years. You can't because you need the money not the true sports and large fish.

126. Fishing in Mexico is a wonderful experience. The East Cape is a beautiful area and very peaceful. Only one of my trips was long range--the rest were traveling by car to Mexico and then fishing every day. Thank you.

127. I was involved with the Monterey Bay Aquarium in a collecting expedition in search of albacore. We searched all the seamounts up to 700 miles off Baja without success. No fish were caught.

128. Enjoyable experience.

129. Very poor year for yellowtail and tuna.

130. The bag limits on fish is much to large. Every year the fishing gets worse and worse. The impact of sportfishing on fish population isn't as critical as commercial fishing. But all must cut back before it's too late. A one year moratorium on "fishing" in Southern California and Mexico. The fish can repopulate, less sea traffic means less trash, fuel population. The economy in both countries is not going to recover any time soon. We couldn't initiate something so dramatic when the economy is good. Our environment can not sustain the demands we are making on it. It's a radical idea but I would like to see my grandchildren hook up on a tuna. With current trends it's not likely. Feel free to contact me. I'd like to help or hear your views.

131. Hope it helps, I love to fish.

132. Great fishing, I hope you can control it and keep it that way.

133. We love to fish in Mexico but it's too expensive.

134. Keep the Japanese/Korean/Vietnamese etc. fishing fleet out of Baja. Catch and release billfish. Encourage your panga captains to catch and release.

135. I have noticed a large concentration of smaller pangas and trawler type boats commercially fishing the Bay of Los Angeles and surrounding islands (map area 13). I also noticed the same activity in the area surrounding Loreto (map area 11). My observation and experience this year in fishing these areas is that sportfishing is much poorer due to overfishing by too many commercial bats. If this continues, I doubt that I will fly to Mexico to fish and vacation as I have in the past. Poor fishing prospects do not entice anyone to travel and at the level that I have participated in the past.

136. I personally didn't touch a line or rod on this trip but numerous other members of the group did and had a good time. Fishing was not the main reason obviously for my trip, the eclipse was.

137. My fishing companion is my father-in-law. Next year I plan to take my daughter. Please continue to conserve your resources so my children can enjoy Mexican saltwater fishing.

138. Keep the nets out of the water.

139. Original tuna limits were too low.

140. Please protect what you have by limiting commercial fishing with nets and long lines.

141. I was disappointed by Mexico's lowering the limit on tuna. Sportfishermen do not affect the fish population. Overfishing is caused by commercial fishing, i.e. the purse seiners. I have been "wrapped by a seiner" on one occasion, which forced us to leave (we had about 200 fish by then). The seiner obviously netted thousands of fish. There should be no limits for sportfishing trips. By counting the trips we have got no fish, I doubt I have averaged 5 fish per trip. As a result of lowering limits, we reduced our number of trips from five in 1990 to two in 1991. I would hope that lift limits for sportfishing and monitor commercial fishing. I would also suggest becoming more active on monitoring migratorial fish on a global scale. Overfishing is prevalent by commercial fishermen world-wide. Sportfishing never affects the fish population. A sportfisherman's freezer is only so big.

142. It's unbelievable there are hardly any albacore left in just the 6 years I've gone to Mexican waters. There must be more controls on commercial fishing to insure whole species are not wiped out.

143. Water sure looks shitty around T.J., blue water further down. Fishing sure is poor! Last 10 years San Diego fleet down, money down, get rid of gill netters, commercial fishing. Start a good fleet down there and we'll come! Funny when I was in college with no money went fishing 10-15 times a year down there. Now with money and more time I go less.

144. Great fishing.

145. Saltwater fishing is my sport, not golf. Done it all my life. I was very happy when the sport fishing rules on how many fish you can catch was relaxed. Note on a 5 day trip--If you catch twenty fish you are a real good fisherman. Ten years ago we did 20 fish every day.

146. Cruisers and pangas are too expensive. Restaurants are too expensive. Mexican people in Baja are very courteous and accommodating.

147. Have fished several years with a group that has fished for the past 20 years. Fishing the past 6 years has been very poor.

148. The fishing in Mexico has been very good until 1985. For some reason it has really been very bad for the last 6 years--no albacore.

149. I have enjoyed fishing in Mexico and hope to continue. On the 16 day and 23 day trips we usually stop at Cabo San Lucas for one day at least.

150. Only wish I had the time to go more often.

151. I am very concerned about the quality of fishing I have seen over the years in Mexico. It has gone down to such an extent that future fishing trips might be elsewhere. Also the recent controversy regarding the new fishing regulations greatly distressed myself and friends who fish on a frequent basis in your country.

152. Glad you guys changed the fishing limits. There are plenty of fish out there for everyone to share.

153. I think that Mexico's commercial fishing should be limited in area and time for better fishing conditions.

154. All trips very enjoyable.

155. At the time I went fishing was very poor. On what was called a 4 day trip with 20 paying customers, only 36 (about) fish were caught. Most of those were yellowtail, one small tuna, one skip jack, and 5 to 6 calico bass. It was just after a full moon and the water temp was about 57 to 58 degrees. Too cold for tuna I'm told.

156. Good questionnaire. But I felt very limited in answering questions only regarding my most recent trip to Mexico.

157. We enjoy fishing in Mexico very much. We make at least 3 trips a year in Mexico. We only keep enough fish for ourselves to eat.

158. I spent 2 months in Cabo San Lucas fishing in my own boat Nov.-Dec. 1990. Caught 18 marlin and released 16. Also went bass fishing out of Mazatlan in April to lake El Salto. Did not bring any bass fillets home, but caught and released quite a few.

159. Appreciate opportunity to go fishing in Mexican waters.

160. Should abolish stateside canning/smoking trade-off. It is a rip off of the angler who wishes to keep his/her limit but cannot transport fish. Solution--all boats to fillet at reasonable price.

161. I firmly believe that the sportfishing industry in Mexico and the Mexican small family and commercial fishing enterprises are in grave jeopardy. If the longliners, purse seiners, and other large fishing and squidding boats from Japan, the U.S. or any country are not stopped immediately, it will be the end of sportfishing!! Permits for sportfishing should be higher to help offset lost revenue from commercials. Local fishermen could make a better living and some could make good money guiding on fish trips if the great numbers of fish came back. I could comment at length on this topic. If you wish further comment please write to me.

162. We take other trips during the year which involve air flights, hotels, and Mexican charter boats (cruisers and pangas)--the questionnaire only asks about the last trip.

163. It seems to me that over the years the size of the pelagic fish and quantity of these fishes has diminished. Also, probably more importantly, the quality and quantity of available bait fish has diminished! More efforts need to be aimed at the fish at the bottom of the food chain and their protection if improvements in the quantity and quality of game fishing is to improve.

164. Always enjoyed fishing in Mexico.

165. Keep long liners out of Mexico's waters. Your revised limits were very fair. However, tighter controls on commercial fisheries will be needed also. You need better and tighter regulations for safety on open party boats. I have not yet fished "the Sea of Cortez" off the Gulf of California. Better control on toxic and non-toxic waste will be needed to ensure the life of this area.

166. Save Mexico.

167. This questionnaire appears to be more of a test to trip you up on your answers.

168. If charter boat fishing (short varying 1-3 days) has a bad year in 1992--expect a few bankruptcies. I have chartered boats in San Diego for the past 20 years. High prices and poor fishing will cause me to develop fishing groups and travel to East Cape region of Baja for better fishing. Cost will be about the same for each day of fishing.

169. Fished for two days in Cabo San Lucas round trip airplane from Los Angeles. No fish caught. Trip was in October 1991.

170. Fishing in Mexico is a great experience. Waters are clean--please keep it that way. Beautiful country.

171. If limits are maintained at 10 fish a day--in any combination that should be adequate. I feel it cost \$200 per day + permits on the average. A person should be able to take 10 fish per day or \$20 per fish. I can my fish and eat all I catch within 2 months. I have one tuna left in the freezer for Christmas.

172. We travel to Ensenada at least once a month. If there was a decent boat I would fish more. Ensenada needs a good marina. Many more would have their boat there and enjoy Mexico more if you had a marina and boat ramp.

173. Most fishing trips are very enjoyable. Sometimes sportboats are very crowded.

174. I have enjoyed my trips to Mexico greatly. This questionnaire covers fishing from other than my own boat. We also enjoy fishing from my 24 foot outboard cuddy cabin. However, it has been disabled this year so no fishing activity shows in the survey. Normally we would take approximately six trips to the Coronado Island areas. It is my dream to one day take my boat from San Felipe to Cabo San Lucas and back. I think that Mexico's recent limits on sport fishing were a bit restrictive, considering the way commercial fishing fleets have been allowed to deplete the fisheries. In other words if it costs me \$200 to \$300 to take my little boat on a 2 day trip to Mexico, I'd only get into good fishing maybe one trip out of 4 (say for tuna or albacore). Then I should hope to be able to keep a sizeable catch on the one good trip to equalize the cost of the less productive trips. I fish for pleasure but I also have 7 children and extended family that do not fish, so we do not waste what we catch to keep. Generally, I prefer to fish from my own boat because then I can preserve the fish more adequately than on party boats. That is, I can bleed and clean the fish immediately and place them on ice, rather than let them hang in a damp gunny sack all day. I appreciate receiving this survey and encourage you to manage your beautiful country and its bountiful marine resources wisely.

175. I have been concerned about the limits that were proposed on the number of tuna that could be caught on local and long range trips. Am also concerned about drift net and longliner commercial fishermen decimating fish resources. I used to go to Baja yearly to one of the fishing lodges. As fishing got poorer over the years due to commercial fishing in the Sea of Cortez, I stopped going.

176. I have noticed a great decrease in the numbers and size of albacore and all the tuna I have caught since the use of gill nets have been in use by Asian countries.

177. I believe that sportfishing takes precedence over all other forms because it is appreciated greatly and causes the least amount of pollution.

178. I would like to encourage the government of Mexico to severely limit the use of gill nets in the Sea of Cortez. Also would like to make it illegal to take a fish that will not be consumed as food.

179. I didn't fish, but other passengers did and really enjoyed it. A few fish were kept for eating, but most were returned to the ocean.

180. I believe the current limits are too small. Daily limits should at least apply to every day spent in Mexican waters.

181. It was a great time.

182. I hope that the government of Mexico will protect the resources that it has against commercial fishermen, particularly gill netters, to preserve it for sport fishermen. One particular area that distresses me is the overfishing for lobster in Baja California.

183. Very enjoyable trips. Look forward each year to going.

184. I would like to encourage your government to establish reasonable limits on sportfish to ensure a lasting sportfishing future. Please limit commercial netting of game fish and help eliminate gillnet fishing--which destroys all sea life--indiscriminately. We're flying to Loreto next week--our first trip to this area. Looking forward to some great panga fishing.

185. Stop the gill netters.

186. I enjoyed fishing in Mexico and look forward to doing so in the future. I would like to thank the Mexican government for their prompt revision of the regulations regarding sportfishing and feel the new regulations are very fair and will protect a valuable resource. I see the sportfishing industry expanding and becoming an even greater economic resource for Mexico. I plan to travel to the tip of Baja to fish in the near future.

187. The 25 years I have fished area 13 the fishing has gotten worse much worse, because of over fishing by commercial fisheries. No controls on Mexican commercial fishermen. Should be some limits on methods & quantity. In 20 years there will be no fish to be caught in the Sea of Cortez.

188. Raise fish limits. Kick out long liner, gill net, and all net boats.

189. Just returned from 2 weeks in Loreto. Had a great time. Enjoy the people in Loreto very much--they are great. Not sure Mexico's government is realistic or consistent on fish allotments. Sure hope it is straightened out soon. Also have serious concern about number of net boats around Baja. Fish are getting harder to catch.

190. I would like to go fishing more often in Mexico but it is too unstable with the way they operate. Allowing commercial fishing so close to the mainland as they do combined with gillnets and longlining practices hurt sportfishing considerably. Also lowering limits of tuna hurts. If I were an official of tourism in Mexico I would jump at the chance to make it more enjoyable for sportfishermen. Ceasing commercial fishing would make fishing so good people would flock to Mexico with their \$\$dollars\$\$ to spend at hotels, restaurants, and the like.

191. Yes, I have a comment. The recent (& rescinded/revised) "three day limit" on a long range trip was the most discouraging thing I have encountered in approximately 50 years of fishing in Mexico. Thank you for revising it again. I would love to fly to Cabo San Lucas & take a "shorter" long range trip from there, but would also like to be able to bring my fish (filleted, smoked) home.

192. You had better enact and enforce legislation stopping gill netters or you will lose your tourist economy based on angling. I watched a gillnetter "rape" the lagoon (estero) at Abreojos last year and he just smiled and said he had to feed his family. How many families could be fed on the revenues from sportfishing? My last several trips to Baja have been disappointing as I see the fisheries being harmed by gillnets and Japanese fish killers. It is after all your country and this one (U.S.A.) is not without its share of problems. Still there has been a tremendous decline in the quality of fishing in the 30 years since I've been going to Baja. I wish you good luck!

193. So far, every trip has been enjoyable. I plan more trips in the future. I also think that conservation should be strictly enforced and catch and release promoted more among the panga operators! I also feel that the new fish limits are fine, there is no need to keep more than the current limits (1991 Oct.).

194. Always had a great time, even when fish weren't biting. When I went out with the local fishermen in small boats they were always trying their hardest to find fish.

195. This was primarily a boat trip to see the eclipse. I have been fishing in Mexico before and will go again.

196. Fishing in Mexico, close to San Diego, has been bad caused by allowing the purse seiners to operate in these waters.

197. In recent years my wife and I and my friends often fish the East Cape, Cabo, Loreto and Mulege. This year I anticipate a trip to San Quintin area. We enjoy Mexico and spend a good deal of time and money there. I believe the current regulations and limits are reasonable but do not believe catch and release of tuna can be successful.

198. I very much enjoyed all the marine life seen during the trip and want to protect and preserve it.

199. Every year the fishing results get poorer since big drift nets are being used in the Orient. Undue restrictions by Mexico on fish caught on sport boats will probably kill the industry.

200. The sportfishing from San Diego long range boats does not account for many fish. The commercial boats catch far more.

201. I have gone on 16 day trips and flown back. I take mostly 4 and 10 day trips, usually one of each every year. Both trips are charters.

202. The commercial fleets are scooping up all the fish--young and old (small and large). Not much left for sportfishing. The last 4-5 years fishing has been poor.

203. I think fishing in Mexico is great. I think the resource should be managed to preserve it. I think reasonable limits should be maintained. The current ones are acceptable to me. We do fish the East Cape (Cabo) although not in the last year and I think catch and release in that area should be maintained as a standard.

204. Please control the Japanese, Korean, etc. so they don't strip the Mexican fishing waters.

205. I feel the government of Mexico should try to limit the anglers in the Northern Baja region.

206. Long range trips cost too much.

207. I believe that the new fish limits are adequate and I favor the 1991 limits for long range trips. I have fished long range and from a resort (Punta Colorada). I enjoyed both types of trips. Each type of trip is unique. Fishing from a cruiser and catching glamorous fish is great. One of two billfish or a big dorado is just perfect for a day. A long range boat presents a different type of trip where a relatively large group of anglers pay a premium rate to catch and keep a number of medium class exotic gamefish. I appreciate your government's interest in my point of view and look forward to future fishing trips in Mexico.

208. Enjoy your beautiful county and ocean waters. Thank you.

209. Put more limitations on purse seiners and gillnetters. Relax fishing regulations more so you can keep Mexico's tourism and San Diego's fishing fleet afloat. Sportfishing does not waste the resources like gillnetters, longliners and seiners. Put a higher limit like 100-200 miles for seiners. Develop Mexico's long range fleet with better boats (American if you have too!).

210. Hope that the Mexican government will continue to let U.S. charter and long range boats continue to fish in Mexican waters and not reduce the amount of fish allowed to keep on a daily basis.

211. I also have fished the last 5 years with Tony Reyes out of San Felipe. I really enjoy fishing from the pangas in the Gulf of Mexico (area 13). The group I went with always went the end of May.

212. Over the past 6 years, the number and quality of fish caught have steadily declined. I was absolutely amazed this spring when the very restrictive fishing regulations were proposed. Restricting the very small catch of the sportfishing community will not help the overfishing situation caused by the unlimited catch of the commercial fishing industry.

213. Please help support the people who are taking action against driftnet fishing.

214. I have been fishing in Mexico for many years both from my own boat and charter boats. I think Baja is probably the most beautiful place I have ever experienced. It is my feeling that the Mexican government has the unique responsibility of having the opportunity of saving and restoring the most unspoiled waters in the world. I plan on retiring in Baja in several years and am concerned with the commercialization in both development and fishing. Is it possible that Mexico has opened its doors to the wholesale slaughter of its fishes to greedy harvesters and rapers of the sea from the other side of the world? I hope not. I would be interested with offering my services to the government of Mexico to help preserve this fragile environment you have been entrusted with.

215. I have also fished on Mexican boats out of Mazatlan, Cabo San Lucas, Loreto, and Bahia de Los Angeles just this year. I hope you will take necessary steps to prevent the loss of fish to Japanese long net fisherman. I have often traveled to Mexico over the years to fish, and would hate to stop because the Japanese stole all the fish.

216. Yes, what is the real purpose of this questionnaire?

217. Had a great time--hope to be back soon.

218. The process in which we obtained a Mexican fishing permit needs improvement.

219. Good fishing so far.

220. Increase bag and possession limits on tuna. Get rid of drift nets.

221. I have enjoyed my trips to Mexico very much. I find the guides on the boats very helpful and the Mexican people warm and friendly. I hope to return to Mexico many times in the future. I would like to see improvements in the Baja Highway that would make travel easier and less hazardous.

222. I want you to know that I don't waste any fish. I eat them all. And I say you should let anglers not commercial fisherman fish without being hassled.

223. I look increasingly to Baja for good fishing but would never travel there if there was no longer such good fishing. I think the final catch limits that were worked out this past summer are acceptable but the first limits were too severe and I would have stopped fishing off Baja. I think Mexico should be very careful to control how much of their own commercial fishing they allow off their coast because over the years I have seen a significant decline in the quality of fishing and the fishing--tourist dollars could be lost. I would encourage the Mexican government to concentrate on maintaining a good public relations atmosphere toward the fisherman/tourist as I'm easily scared off by horror stories of mistreatment of fishermen/tourists.

224. I go fishing for sport and to eat the fish that I catch. I was very disappointed to see the Sea of Cortez becoming polluted with trash from the mother ships from San Felipe.

225. Wonderful experience!

226. Protect Mexican fishing resources. Don't reduce bag limits. Promote catch & release fishing. Ban gill nets.

227. I believe a reasonable restriction on the taking of fish by sportsmen and commercial interests will pay great dividends in the future. Mexico will become the fishing capital of the world and your people will all benefit from this renewable resource.

228. Don't make rules that keep us from fishing in Mexico. "High" license fees, "guide" fees and other unfavorable requirements will result in a substantial loss of income for the Mexican sportfishing industry if allowed to occur.

229. I would like to see fishing regulations more clearly explained.

230. In recent years I've noticed better highway conditions but still feel roads need to be kept up for money spent by myself in Mexico.

231. Launching facilities for trailer boats in Baja would increase my use of Mexican waters.

232. Love to fish in Mexico.

233. You must keep the Japanese, Korean, etc. longliners and netters from destroying Mexico's fishing industry entirely by completely banning them altogether as soon as possible. The fees that they pay to do what they do cannot be greater than the income you, the Mexican government, will lose when sportsmen such as myself look for recreation elsewhere due to the simple fact that there are no fish left to catch. Thank you.

234. I recently came back from a 7 day trip on the Vagabond and did not bring back a fish. The entire boat caught approximately 25 fish. The fishing has become absolutely terrible in Mexico and the costs are becoming extravagant. I don't know if I will ever take another long range trip and spend in excess at \$1000.00 and not even catch a sport fish. When you are fishing in Mexico all you see is airplanes targeting fish for commercial boats. Something has to be done to improve the fishing for the angler or you are going to lose a lot of revenue from anglers such as myself. Fishing has declined so much in the past few years it's unbelievable. When is the last time you have seen any appreciable amounts of albacore caught?

235. My last fishing license was purchased four years ago.

236. It seems to me that Mexico is about to tax legitimate sportfishing out of existence. They should concentrate their efforts to eliminate commercial foreign interests, i.e. Japan and others, from sweeping the ocean clean with their massive nets, electronic gear, spotter planes, etc.

237. I've enjoyed the fishing in Mexican waters. While it is expensive I've always felt it was a good experience and have taken my grandson in previous years.

238. I was surprised at the number of armed sailors that boarded the Polaris Supreme from a Mexican destroyer in March of this year. In wartime boarding parties were of fewer numbers. Men with loaded automatic rifles are always a concern, but eight armed men boarding a 25' fishing boat with 16 anglers is ridiculous.

239. Yes, I would fish more and spend more money if fishing could be improved. If there are special projects needed to get done, let me know.

240. I have only once started fishing in Mexico: Ensenada. Next month I am going to Rancho Buena Vista fishing for a week. I am apprehensive about impure food and water, government officials, and not being a welcome visitor.

241. I think your country and the people are superior in attitude. Your Department of Fisheries is doing outstanding work in regards to working with other countries, and sportfishing. I shall return many times.

242. If possible I would like some information on charter fishing from ports in Mexico such as Acapulco, Mazatlan, Puerto Vallarta. Does Mexico have a Department of Commerce that may be written to regarding maps, lodging, and fishing? Oh yes I had a great time and I am hooked on tuna fishing. They are great fighting fish. The fillets from the tuna are great to eat when bar-b-que'd.

243. Most of my fishing is done on a panga. I usually fish in areas 13, 12, 11, 9 according to your map. In the past 12 months I caught bluefin, yellowfin tuna, yellowtail, dorado, grouper, striped marlin and black sea bass. I was in Bahia de Los Angeles, Mulege, Loreto, and Los Cabos. As little as 8 years ago in Bahia de Los Angeles my tackle box had 200 dollars of iron (jigs). I caught tuna, dorado, yellowtail, amberjack 50 lbs and over. Today in 1991 there are only sand bass and small cods. You rarely see a yellowtail. Your government sold out to the Japanese and ruined Bahia of LA. This year in August I saw the Japanese fleet again. When is the Mexican government going to stop letting them in?

244. I would like to make more trips to Mexico but the fishing has been so poor in recent years we keep it at one only. I truly feel your water have been over fished by commercial fleets such as long line, gill net, and purse seiners, not sportfishing boats. Was in Cabo 2 yrs. ago, 3 days of fishing, caught nothing.

245. I've fished in Mexico 1 or 2 times a year for the last 8 years or so. I have brought my boat to Cortez and caught marlin in Cabo, as well as taking 5-8 day long range trips out of San Diego. I have enjoyed these trips very much but if the prices go up much more or the fishing declines, I feel it will hurt guys like me. Most of all it will impact the economy of Mexico and impact the fisheries of Mexico tremendously. Stop the Japanese from depleting your fish or you will lose the American angler and his support of your very fine fishing.

246. Poor fishing entire Pacific coast--this year especially.

247. The new fishing regulation inhibits people from booking a trip. The current fish limit is OK. However, I would like to see the old fish limit be reinstated.

248. I think setting limits on certain species of gamefish is a good idea. But I don't think sportfishing really hurts the fish population. We should concentrate our efforts on the commercial fleet and mainly the Japanese longliners. They should be banished from Mexico completely. Good luck on your survey!

249. Yes I like it in Mexico but you shouldn't let people ruin your country.

250. Commercial fishing pressure and pollution from coastal cities seems to be having a definite impact on your fishing resources! The quantity and quality of the fish has markedly decreased.

251. Fishing for tuna generally has seemed to get much worse in the past 10 years. I find I can afford to do it more frequently but am less inclined.

252. It would be better if local boats were available that were reliable, familiar with American customs, language and diet and the boat's captain regulated by a local agency so that he is competent and familiar with local waters.

253. I'd suggest Mexico would be better off to control much more stringently long-liner fishermen and encourage catch and release for marlin and sailfish.

254. Keep the Japanese out of Mexican waters or millions of dollars will be lost from recreational fisherman visits.

255. Fish limits too strict & the sport of fishing getting highly expensive

256. I wish it could be made illegal to serve alcoholic beverages on these fishing trips. I would like to know about what charters are available in Mexico that I could make use of.

257. Sorry I can not remember how many fish I caught, how many I released & how many I gave away. I do remember being a little upset when the Mexican military came on board with their automated weapons and ordered all passengers & crew to the stern of the boat. At least this time we were all up and dressed. Last year when they came on board--we were not awake yet & told to dress quickly and get up on deck.

258. Have enjoyed each trip. Other years I've been going 4-5 a year.

259. They would be a lot better if the police at Mexicale and Tijuana would not take advantage of motor home people.

260. I have a current Mexico lic. #489433. It is good any place in Mexico, on any boat, they told me when I bought the license. On fishing boat out of San Diego, they charged me again. Is that fair?

261. I support Mexico's commitment towards controlling the long-liners and seiners from reducing the fish population. I believe that fishermen such as myself will begin to fish the Gulf and Pacific more often because of the anticipated resurgence of fish. I hope that our dollars can replace the long-liners. Of concern is the continued commercial taking of fish in the Gulf for animal food. This is certainly a poor use of the resource.

262. One 10 day long range trip. Four to five 7 day trips to Cabo San Lucas and East Cape cost approx. \$100 per person per day including airfare and Mexican fishing charter boats. Any additional information please feel free to call.

263. Please allow the limits on sportfish to justify the cost for catching them. Reducing the catch limits and raising the costs associated with chartering a trip has kept most of my friends from becoming involved in sportfishing.

264. At present my roommates are Hispanic and have relatives living in Ensenada. We go down sometimes on weekends but have never been fishing from there. Also I've been to San Felipe four times without fishing with a friend that goes down there quite often. Because of these weekends spent in Mexico I have gained a great respect for the people of Mexico in regards to honesty and hospitality. Any information you can send me about fishing from these two points with a cruiser or panga would be appreciated, as I would rather spend more money in Mexico than time getting there on a boat and not having time to meet the people.

265. Fishing is no longer what it once was. I used to go fishing in San Diego about 20 times per season and now maybe once or twice a year. The cost of fishing is so expensive and there is a lack of fish that I go fishing in Baja via airplane now instead of San Diego long range boats.

266. Sportfishing off Baja from San Diego is important to the economy of Mexico and the U.S. Please continue with a fisheries policy that provides an opportunity to catch game fish in these waters. Thank you for your cooperation. Great fishing.

267. I greatly enjoyed fishing for yellowtail at Bahia de Los Angeles. It's definitely the most fun fishing I have ever had.

268. I am not happy with the new limits established by the Mexican government.

269. I love to fish in Mexico! I respect its environment and do not overfish beyond what my family can consume. The limits imposed on the sportfishing industry are totally ridiculous (especially the 2 fish limit in June on my Loreto trip). The American angler is just a drop in the bucket compared to your foreign commercial fishing vessels. Don't penalize this great tourism revenue to ease your conscience for allowing the foreign ships to rape your waters.

270. I agree with the recently enacted Mexican sportfishing catch limits if commercial exploitation and destruction of the fishery is also truly stopped and policed.

271. I am leaving in November for my first 11 day trip on the Qualifier. I am very excited. Year before last I was on a six day trip out of San Felipe. Fishing from the Eric (mother ship), fishing pangas from LA Bay to San Felipe. The trip was great and so were the crew and guides of the Eric and Baja fishing tours. I look forward to fishing in Mexico in the future on different types of trips both Mexican and US based. Thank you.

272. It's good Mexico did away with the 6 tuna limit on long range fishing. If there was a 6 fish limit we would not go on any tuna fishing trips to Mexico.

273. Dear Sirs: Thank you for the opportunity to comment on fishing in Mexico. I have been fishing your waters for many years, I love fishing--I can smoke, barbecue, and eat every bite of my catch. I feel your newly imposed limits are fair. I shall continue to fish long range trips out of San Diego. Trailering a boat to Mexico or fishing from a panga is too expensive, too much of a hassle, and there is the problem of getting the fish out of Mexico. I used to hunt doves in your country, but the cost and guide requirements ruined a beautiful situation. I hope the fishing rules remain as is. The only changes I could recommend would be to cease gillnetting, long-lining, and seine fishing. You should be able to make enough money out of sport fishing without killing the fishery.

274. Fishing in Mexico areas 1 and 2 has been terrible. Why aren't U.S. sportfishing boats allowed to fish the coastal waters in these areas? Are you aware that the San Diego sportfishing fleet of 1 to 3 day boats are having very tough times? Many will fold. If you can, please help them or you will lose the revenue they provide. Sportfishing will never threaten the fish resource in Mexico. Unregulated commercial fishing especially by foreign boats will harm Mexico's great fishing resource. If that is allowed to happen, we will all lose. If fishing continues as it has these past five years, I will continue to fish Mexico but I will do so on fewer fishing trips.

275. Thanks for allowing us to fish in Mexican waters. I really think fishing limits should not be as restrictive as they have been set. More effort should be expended on controlling some of the commercial interests. Why not allow fishermen the option of catching a limit (i.e. 10 tuna/day) and then allow him to catch more but he would have to pay a "keeper fee" (over limit) of say \$5-\$10 per fish. This could keep all folks happy. More funds for the Mexican folks and allow those of us who desire more fish the opportunity to catch more and pay a reasonable fee for it. I do realize this would be hard to administer, but receiving some kind of additional income would be better than nothing. And I think real true fishermen who spend \$100's of dollars/day to go fishing wouldn't mind paying more to keep a few more fish.

276. Fish limits have to stay the same as they are now or no one will fish Mexico with a 5 fish day limit. SD boats have dropped 40% of their fishermen because of the Mexico fish reg. at the start of 1991.

277. Enjoyed it very much!! Hope to be able to fish in 1992.

278. Love fishing and camping in Baja. When I am on a camping trip with my inflatable boat, I usually throw back most fish keeping only what can eat in a day. My personal favorite areas for camping and fishing are Mulege to Loreto areas 11 & 12 on your map.

279. Setting limits on sportfishing should be adhered to and enforced.

280. We didn't enjoy being boarded by the Federales.

281. I thoroughly enjoy fishing in Mexico and I am a big supporter of your efforts to manage your natural resource. Keep up the good work. I think California should follow your example in the way you handle the foreign gillnetters. Thanks.

282. As soon as the Japanese get done plundering our ocean and leave for other waters, the fishing will return to the way it was. What else could have happened to the albacore? And what's next? Yellowtail, marlin, etc?

283. When I was a young boy our family use to fish the central part of the Sea of Cortez (Guaymas, Bahia de Los Angeles, Mulege and Loreto). We always had great success catching yellowtail, grouper and different types of bass. As an adult I occasionally still fish these areas. However the fishing isn't nearly as good. Very few yellowtail, small grouper, and small bass. Until I hear of improvement in these areas, I doubt if I will fish there again. Yellowtail is the reason I fished these areas. There always seemed to be an endless supply, but it is obvious to me that someone is devastating the yellowtail. I believe that if something isn't done soon that the yellowtail will not return to these waters and who will benefit. Not the commercial fisherman, not the sportfishermen, not the tourist industry, and definitely not the great fishing that use to be.

284. Please stop long-line fishing in your waters for enough time to bring back the population of fish to a good level. My wife and I are fairly frequent travelers to Baja California by car and would like to sail our boat to your country at some time. Thank you.

285. Seals stole our bait and chased fish away from Coronado Islands.

286. I only fished once this year in Mexico because of the fishing regulations imposed by your country. It is too expensive to fish for only a couple of tuna. However, I am pleased that this problem was worked out. Do I get a free trip for filling this questionnaire out?

287. I like fishing Mexico waters.

288. I believe the current fishing limits will ultimately hurt tourism in Mexico. Though the current regulations are an improvement over original proposals, I sense that the limits make most anglers hesitate fishing Mexico with the thought "Is the limits enforced worth the dollar amount invested for this trip?" I deal with Mexico bound anglers almost every day in outfitting them for their trip. I do not advocate "raping" Mexican waters of their precious resource, but I think about the angler who now has to spend up to \$300 for a limit (5) of 10 lb. tuna. One day sounds like a nice dinner for 2 at a plush restaurant serving sea food is a much better deal for much less money.

289. I don't like gillnets--they kill everything.

290. Where's the albacore and tuna?

291. Fishing in Mexico is a delightful experience. Unfortunately, we have never had enough time and money to do as much fishing as we would like. Next year I look forward to retirement and much more fishing up to my budget limit. Cabo San Lucas which I particularly enjoyed will be a target for our entire family.

292. I really enjoy fishing in Mexico.

293. I love fishing Baja (Sea of Cortez side) & would love to have more time to fish it! I only do it once a year, but have always had a great experience.

294. Because this survey focus is on only the most recent long-range fishing trip, no correlation may be made between the expertise of the angler, the target species, nor the annual per capita take of fish species from Mexican waters. No useful information will be gained with respect to the money an American angler will spend to fish for blue marlin, black marlin, striped marlin and sailfish. I spend far more money in Mexico to big game fish than I spend on long-range trips. I suggest that your surveys ask more questions about cruiser and panga fishing, and the cost of fishing for Mexican big game and reef species. The multiplier effect of an American dollar spent in La Paz, East Cape, or San Jose del Cabo-Cabo San Lucas would be far greater than any dollar spent on a long-range boat fishing trip--even if that long-range boat trip departed from a Mexican port.

295. Safety standards for Mexican fleet boats (Cabo San Lucas/East Cape) must be brought up to U.S. Coast Guard standards. This should be mandatory, not voluntary. Vessel assist program in populated fishing zones. Restrictions on international commercial fishing. Over kill by eastern Pacific nations will do nothing but hurt tourism income based on sportfishing interests. Start a breeding program for sportfish species (examples: salmon & white sea bass programs in California).

296. Need more launching sites on the Pacific Ocean side. Including food and lodging for trailer boating. Can increase the economy by having own boat to be used.

297. Other trips to Rancho Buenavista--fly down, had a great time. Loreto--drove down, fished yellowtail.

298. I fished in Cozumel and was robbed in my room. This was disgusting to me as a tourist. However fishing was great!

299. Regarding recent confusion on bag limits--if bag limits are reduced, I will not fish, and my friends tell me that they will not fish either.

300. Always enjoy the experience.

301. I would rather drive to a Mexican port but I have heard that there is no significant cost advantage in this and it is more likely I will be taken advantage of by the local authorities, port and boat operators. In addition, even with appropriate insurance, I am afraid to drive in Mexico as a U.S. citizen. Should conditions become more favorable, I would like to fish and hunt while camping in Mexico.

302. We have a great time every time we take a fishing trip to Mexican waters.

303. Please make licenses easier to get for either short time periods or annual while traveling in Mexico. Maybe make them available by mail?

304. It's too bad the Mexican government doesn't realize the input to the economy the American fisherman could add to the total economy of the country.

305. My family & I vacation every year in Mexico in some very nice fishing locations. But the prices they ask for are way out of reach. I would fish a lot more if they (the prices) were more reasonable. And also out of San Diego if the catch was more consistent.

306. In the past eight years I have noticed a much smaller amount of targeted fish are caught. And the ones that are caught are of a smaller size. I don't know if too much or type of commercial fishing is the cause of this. Gillnets and driftnets will certainly deplete the fishing industry. I used to fish five or six times a year out of San Diego and now only go once or twice. This due to the high cost and the poor fishing.

307. It seems everywhere I looked I would see commercial fishing boats. This must have a negative impact on your fishery.

308. My fishing partner and I have fished as far north as the Canadian border and as far south as Acapulco. Our favorite area includes areas #1,2,3,4,5,6,7,& 9 of which we annually spend (10-25) days on the water and thousands of dollars for this pleasure. This year we were lucky to spend 26 days on the water (1-14 day, 1-6 day, and 3-2 day trips). The San Diego long-range fleet allows us to target quality fish. We do not fish for numbers. Our last trip was probably the least productive of all our trips as far as counts are concerned but our best time we have spent together. I cherish the time on the water for many reasons. But most of all I enjoy the time that papa and I can get away and cannot wait until time passes that my 2 sons can get to know peace of mind, tranquility and the challenge of competing against a quality fish like we have in these waters.

309. If you stop gillnetting, you can make more through recreational fishing than commercial fishing.

310. I've always had good luck fishing in Mexican waters. When I go down south to the waters around Cedros Island and San Pablo Bay it makes me sad to see how dirty the water off of the coast of California is. The water off of Baja is so beautiful and clear. I love to go down there.

311. I think the new daily limits on sportfishing catches are unreasonably low.

312. My most recent long range trip was a 7 day trip out of the port of Long Beach on the boat "Shogun". I make a trip in November of each year on the "Royal Polaris" of 17-18 days. On this trip I normally fly back and try to spend one day in Cabo San Lucas. My wife flies in the day before the boat docks and rents a room for two days. We both enjoy fishing in Mexican waters and the time we spend in Mexico is something we look forward to all year. We have never had any problems in our many trips and plan to spend many more enjoyable days in your country.

313. I personally have not spent a lot of money in Mexico fishing from pangas, charter boats, etc. All my trips are from 1-5 days from San Diego boats. I know of a lot of guys who fish in Loreto, Cabo, etc. who say fishing has got so bad because of commercial interest that the money they spend in Mexico isn't worth it any more. I feel the same way leaving from San Diego boats. Do not make the same mistake we in the United States did. Stop the commercial over harvesting before it's too late, or there may not be any tourists to fish your beautiful resort because the fishing is why they come. I hang out at many tackle shops and we all feel very strongly about the commercial interest that's got to go.

314. In my younger years, I speared fished along the coast of Mexico.

315. I have always had pleasant experiences fishing in Mexican waters and have enjoyed the hospitality of your people when traveling in Mexico. You have a beautiful country and heritage. I wish I could speak Spanish fluently. I love your language and people.

316. I have made many fishing trips to Mexico. I frequently visit Loreto and the Los Cabos areas. I also make many trips on the San Diego boats, both long and short range. I realize Mexico is working very hard to conserve their truly awesome ocean resources. I hope that you will continue to do so. Please do not let the commercial fishing interests overfish your waters with their nets. Keep up the good work. Thank you (gracias).

317. I would like to drive down to Cabo San Lucas with my family. I would also like to do some fishing on the way down. Could you send me a pamphlet or book or something showing the ports or fishing villages where we could take a boat out of? Thank you.

318. Fish are still abundant in most Mexican waters. Please keep it that way.

319. Mexico is screwing up the fishing in Mexican waters just the way they did for hunting. I used to hunt in Mexico, but no more because of the expense. If the fish limit remains the same as now, I will never go on anything more than a 3-4 day trip and will never travel to Mexico again to fish or hunt. Mexico is out to screw the gringo!

320. In the 25+ years I have been fishing zones 15 & 14, I have seen this area overfished by the large shrimpers and gillnets to where it has become an empty sea. I no longer fish the San Felipe area. I sometimes will fish the Ecantador Islands because this area is hard to net so there are still a few fish left in that area.

321. Thank you for all the time and effort last spring in reconsidering the fishing bag limits and restrictions. I wholeheartedly support those efforts and again my thanks.

322. Your waters are overfished by commercial fishermen.

323. A questionnaire covering recreational fishing in Mexico is a great idea. While I have only done fishing in Mexican waters from U.S. based sportfishers, my experiences make me want to try traveling to Mexico specifically for fishing, i.e. Loreto, Cabo San Lucas, etc. I hope one outcome from these and other surveys is a logical and evaluated resource management policy, i.e. bag limits on the species of fish. Severe restrictions on sportfishing while allowing the foreign commercial fishing to continue unchecked does not make sense and will only hurt the tourism revenue provided by the recreational angler.

324. I appreciate all that the government of Mexico is doing to keep the sportfishing in the waters of Mexico open to others. Sportfishing boats and the people who fish on them care about the natural resources of Mexico. Thanks for letting us fish in your waters.

325. We like fishing in Mexico. Please keep up the good work.

326. I enjoyed my fishing trip and would go again if the opportunity coincided with my other vacation plans.

327. Please put more fish in the ocean. The one yellowtail I caught was weighed in at 10 lb so the price per pound was about 46 dollars per pound before cleaning. I could have gone to the store a lot cheaper than that. I did enjoy my trip!!

328. Sportfishing does not impact the resource! Commercial fishing with gillnets do. Tighter commercial regulations are needed to protect the resource.

329. Prices are getting too high at bars and restaurants.

330. Fished in Mexico for over 35 years. I think the continuing use of gill nets will eventually destroy one of your greater tourist attractions.

331. Two 3-day trips cost approximately \$1000. I misread question number 23, and made a correction. There seems to be an ever increasing number of commercial fishing boats in Mexican waters.

332. Most questions ask about long range where most of my trips are one day or 1 1/2 day out of San Diego.

333. I would restrict the long net and line operations of commercials, especially those other than Mexican, not harass the sportfisherman by Mexican commercials. We only scratch the total catch. Liberalize current catch restrictions but certainly have "a cap" on total catch of the 10-21 day boats. Preserve the catch limit on baitfish (anchovy and sardine).

334. I go on an annual 5 day long-range fishing trip with a group to which I belong. At least once a year and usually twice a year my wife and I go to the East Cape via airplane to La Paz or Cabo and spend 5-7 days. Pangas or cruisers rented from the hotels where we stay are used for our fishing. Nearly all fish are released.

335. Always have a good time fishing in Mexican waters. Need more coastal fishing boats per charter.

336. Most of my trips to Mexico have been one day sportfishing (overnight) or trips to Los Cabos by airplane. Stay at hotel and charter cruisers. Also have my own 43' sportfisher that I take to Mexican waters occasionally.

337. Conservation!

338. We very much enjoy fishing in Mexico and would like to see more U.S. based sportfishing boats operate out of Mexico. With more fly down, fly back opportunities, fishing would be more accessible.

339. Make 3 to 6 trips per year normally but only one this year due to bad weather and boat accident that canceled two trips.

340. I would like more information about the safety, cost and schedules of Mexican charter boats. Most U.S. personnel are concerned about driving past the border and how safe your car will be in some lots. Also how safe the boats themselves are, as to life-rafts, radios, etc. If some assurance on the above could be supplied many would prefer to drive rather than spend hours travel time in a boat. I have made many trips to your waters and enjoyed every one of them. I also agree that you limit catches to preserve both of our resources. Nobody should keep more than they expect to eat. Thank you.

341. I feel the cost of fishing in Mexican waters is getting so high I will probably not be able to afford it soon. I am in favor of sensible restrictions on limits. I also am very much in favor of catch and release of marlin, sailfish and any fish you are not going to use yourself.

342. Over the last 20 years of fishing in Mexican water, both 1 day and multi-day trips, I have had many enjoyable days of fishing. I have also seen a decline in the fishery, possibly due to over fishing by commercials and the taking of too many juvenile fish. The sportfishing industry brings a lot of income to many different businesses in Mexico--hotels, restaurant, and shops and the sportfishing industry operating out of Mexican ports and hotels. I am looking forward to my next trip to Mexico for fishing.

343. I would like to thank the Mexican government for giving me the opportunity of fishing in their waters. I am a native of Chihuahua and my five year old son gets much enjoyment when we fish and visit Mexico. Viva Mexico.

344. I'm glad a reasonable fish count was decided upon by the American/Mexican fishing officials. The U.S. Coast Guard boarding U.S. vessels heading into Mexican waters is ridiculous!!

345. I am an underwater videographer as a hobby. I have made 2 trips to the Sea of Cortez to view its wonders, especially large fish such as hammerheads at El Bajo. The Sea of Cortez should be declared a world treasure and protected from all commercial net fishing. Shark catching for selling their fins to the Asians, Japanese, and Chinese is abhorrent to me and should be an offense which is seriously punished. I have heard that the government of Mexico turns its back to this practice, and I have even heard rumors that the Japanese have bought off the government so that they can rape the life in the Sea of Cortez. Please help do something to protect your marine treasures, even if they are only seen by a fortunate few of us. I hope to inform people here in my area by showing my films from San Benitos, Guadalupe and the Sea of Cortez. Incidentally, Guadalupe is also a spectacular marine habitat. I hope that it is not ruined like the Sea of Cortez was. Although I don't participate, I think line and spearfishing are OK. These activities cannot deplete populations of fish to levels that threaten their existence. I am grateful for your interest and concern. Please note my comments in any reports you may prepare. Thank you.

346. I have been to Loreto 4 times this year and once to Cabo San Lucas. Cabo is much too commercial for my taste. I have enjoyed all my trips to Loreto and love the people there. I have been constantly disappointed with my experiences fishing out of San Diego. I will spend more time flying to Baja to fish and less time fishing out of San Diego. I hate the New Lo Ann out of San Diego. Arturo from El Presidente in Loreto is great!

347. It's great to see more "catch and release" attitude coming about on charter boats. Never had any problems with Mexican officials. Would love to see less "dollars for today" attitude with Mexican government and native fishermen. Please help educate so sportfishing can continue and more tourist dollars can be spent in Mexico. More co-ownership (American-Mexican) fishing businesses needs to come about. This questionnaire asking my most recent trip, doesn't reflect the \$5000-6000 a year I spend while fishing in Mexico. Thank you. "Vaya Con Dios."

348. I believe that if you make Mexican limits stricter for tuna (such as 2 per angler per day), you will greatly decrease the number of long range trips from San Diego. Anglers won't pay a lot of money to catch only 2 tuna!

349. My wife and I make at least two four or five day fishing trips out of San Diego and I make one 11 day trip. The combination of the fishing in Mexico and the boats and crews of the San Diego sportfishing boats keep us going.

350. No more gill nets--please! No more Japanese fishing cities depleting resources. Please--greater enforcement. 200 miles or more barrier on foreign fishing. Resistance of foreign pressures on your water. Limits on commercial fishing loads. Tag and release on private fishing, encourage take what you can eat--eat what you take! Better sewage management on coastal water. Allow the schools of fish to multiply to greater numbers. Investigate possibilities of hatcheries for certain species. No more gill nets--please!!

351. I encourage the Mexican government to allow sportfishing boats to continue fishing in Mexican waters but keep the fish limit at about 8-10 per day on tuna, albacore at 8-10 per day, which allows 20 per day. Realistically no fisherman will catch that many per day but the high limit will give us less pressure when we have a good day and catch 10 fish. The sport is very expensive, more than when I was a teenager. At such a high expense I can only go once a year and no more. I have responsibilities to my family. I enjoy fishing. Please don't prosecute us fishermen by making unfair rules and laws. Thank you.

352. I visited Loreto in '77. I went for one week. I found the people were very friendly. The accommodation at La Pinta Hotel were very nice. The food and the service were better than I expected. The fishing was not as good as I had hoped for. I am an experienced dedicated sportfisherman and I enjoy the sportfishing experience I get on the San Diego boats. I unfortunately do not have the finances to go on trips longer than one week's duration. I find that trips to Cedros, San Benito & Natividad give me a good chance to fish for yellowtail, which is my favorite fish to catch and eat. Fishing from pangas does not give me enough fishing time for the money spend going to Mexico. I always use all of my own equipment which is difficult to take on airlines due to weight restrictions.

353. Increase the limits while stopping harmful commercial fishing!

354. I fish annually each May aboard the Jose Andreas from San Felipe. Tony Reyes fishing tours is the charter master. It is a highly professional well managed charter. Fishing the Gulfo de California aboard the Jose Andreas is a richly rewarding experience. I will return repeatedly. I will not again, however, fish from a charter boat from a U.S. port.

355. The fishing this year has been very bad. I probably would have gone more if things were better--fishing, economy, etc.

356. Limit the number of commercial fishing boats in Mexican waters before it's too late!

357. The fishing in salt water (within reach of my budget) this year pretty much sucked big time, otherwise I would have taken more trips to Mexico. I'm looking forward to better trips in the future. I would like to see more fishing from TJ to Ensenada that would offer 1-2 day fishing off their coast with possibly a shuttle to the Mexican docks from the Calif. boarder. We have had trouble leaving cars, trucks or vans to go fishing. You come back and they are broken into or just gone!! If a landing had security down to Mexico, they would get a hell of a lot more business from me and also my friends.

358. The yellowtail fish are almost gone in the upper Cortez. Don't allow net seiners to take yellowtail. It's sold for dog food. It's much more valuable as a sportfish. Thousands more people would fish the upper Cortez if the yellows were there. My name is [Name]. I have lots of ideas for improving the fishing, protecting the resource and attracting more Americans to drive south. Please contact me if you have any questions.

359. I hope the U.S. and Mexican governments can work together to make it easier on U.S. fishermen but still profitable to Mexico. Mexico is a beautiful place and I plan to spend more time there, as much as I can fishing. Thank you.

360. We had a lot of commercial purse seiners in our area. I think they were American. I don't know if they are allowed in our area but these commercial fishermen wrapped one party boat and drove us off one area. I'm not very good at saltwater fishing. By the time I stitch the bait the school is usually gone. I certainly must thank the government of Mexico for allowing us gringos to fish your waters. If they were all like me there would never be any fish caught.

361. Any information related to camping or fishing (fresh or saltwater) in Mexico would be appreciated.

362. Tell the government to enforce the law more honestly. Also enforce the regulations on longline fishing by other governments. And the fishing is too expensive!

363. I enjoy fishing in Mexico. Some years we had 5 two day and one or two 3 day trips but the last 4 or 5 years the price keeps rising and the number of fish caught keeps falling. This year it cost \$500 for 3 days and no fish except skip jack. P.S. The parking at San Diego is no good. The 3 landings H&M, Fisherman's, Point Loma should have more parking. I don't want to park 3 blocks away, then walk with my gear back and forth.

364. Yes, I have been fishing many years in Mexico. My oldest son always goes with me since he was 12 years old. We used to go to Ensenada in the old days when fishing was good every two weeks, but no more. You can't catch many things there.

365. I enjoy fishing Mexico very much and enjoy the people that live there, also find the architecture and buildings very interesting in the Loreto area. We would like to see more fishing in Mexico, however the cost of fishing trips is generally too expensive to go as much as we would like. Thanks for the map. Glad to help.

366. I have not only had my very best fishing in Mexican waters, but also some of my favorite lifetime memories have been there.

367. I found fishing in Mexico to be the best trip that I have ever gone on. I would like to go back again.

368. You need more restrictions on gillnets and seiners not sportfishing! Thanks.

369. Thank you for the opportunity to fish in Mexican waters!

370. The long range boats that operate in Mexican waters are careful not to delete fish schools. However I have seen commercial fishing boats wrap entire schools of fish in their nets and this is not good for Mexico. Please outlaw or limit unnecessary commercial fishing so that future generations can enjoy the excellent fishing in your country. This will also allow revenue from the long range industry to flow into Mexico.

371. We usually fish once each year at Ranch Buena Vista for marlin (release all) and rooster fish. Some surf fishing too. Each year I try to fish long range from San Diego 5-10 day trips. Usually only once. Mexico waters are most endangered by the long liners and drift netters from distant lands. Nevertheless some licensing and stiff controls on them (commercial) and sport fishing should be effected and enforced.

372. I feel the limits on tuna and dorado on long range trips (8-16 days) are still too low even though they have been raised. I release a lot of fish but I may only get into a good tuna or wahoo boat every other year or so. I'd like to be able to keep a few more tuna and dorado especially if they are running small. I do eat them. It also seems that permits and license fees have gone up a lot the past couple years. I realize they were quite low before but the increases are too much. I know this has nothing to do with fishing but I no longer hunt in Mexico. The cost is excessive and the problems are too great. Thank you.

373. Sportfishing is the only way to catch fish in the beautiful waters off Mexico. Please keep the longliners and gill nets out. Thank you.

374. I appreciate and welcome the opportunity to fish in Mexican waters as they afford a more exciting fishing experience, particularly in the tuna variety. It troubles me and I'm sure the U.S. sportfishing charter owners that the species limit has been imposed. I feel this will result in the reduction of trips of 4 or more days. This in turn would hurt the U.S. charter industry through reduced bookings and the Mexican Department of fisheries through a loss in license revenue. Hook and line fishing will not deplete fish totals. Attention must be given to gillnet and factory fishing.

375. I would like to see more long range fishing trips originating and returning to a Mexican port (for example Cabo San Lucas or San Jose Del Cabo).

376. Mexico has one of the world's richest resources of fish. I'm very concerned with the way the commercial seiners are fishing in the Gulf of Cortez. If this continues, eventually the Gulf will be wiped out. This should not happen because Mexico earns billions of dollars with American tourists with fishing interest every year. Without us as tourist you will lose billions of dollars not including the resorts all along the Baja coast. For example, Bahia Los Angeles has been wiped out due to the commercial industry. If the officials of Mexico don't put a stop to this we will see many more "Bahia Los Angeles" in the near future.

377. When I have drove or flown to Mexico they have wanted me to tip, tip, tip and the prices have gone out of sight. The netting of everything that swims has gone bad. I have been going on San Diego boats. I think in the long run it's cheaper (and a lot safer). I bought a year fishing license for Mexico, but I found out they weren't no good on San Diego boats. That's bad rip off.

378. I would like to have more information on other interests when I book a five or six day trip to Baja. Next year in May my wife and I will spend 4 days on East Cape. Maybe include a map of points of interest and good local restaurants.

379. Promote catch and release/promote deregulation.

380. Stop gill netters!

381. I canceled a trip because of the fishing limits imposed early in the year. I do fish Baja, i.e. Ensenada, Mulege, La Paz to Cabo, but not last year. I believe the limits are low on yellowfin considering the tonnage wrapped by commercial interests, as my fish as is theirs is all eaten. I released striped marlin, sailfish and small blue marlin even when it was not the norm or popular.

382. Recent fishing quotas for sports boat charters for tuna. A two a day catch limit would not be practical. Cost for trips are too high to justify fishing for two fish.

383. I most prefer fishing from pangas in areas 11,10,9. But the last 2 years have been most difficult fishing in Baja because of new fishing regulations and road conditions and inconsistent air service. Baja is one of the most enjoyable areas in the world to fish.

384. Having gone on long range trips up to 24 days I think your current allowable daily and total number of fish caught are totally unrealistic. Because we normally have all fish caught smoked, canned, or frozen for later use, the cost per day for the small amounts we are able to bring home makes future trips doubtful. While in the past my wife and I and occasionally son-in-law have gone on three to six trips per year ranging from 2-24 days, we have no reservations for this coming year. Regulate your commercial fishing, stop wiping out the resources, return adequate catch limits and maybe we will spend the \$10,000-15,000 again to fish in Mexican waters.

385. Fish limits as to species is confusing and hard to comply with.

386. Yes--Thanks for banning netting & long lining by outside countries. Our trips to Mexico have been enjoyable. Our last trip to Cabo were enjoyable but I do not like everyone with their "hand out" (begging for tips). Thank you.

387. Overall, my experience fishing in Mexico has been very good & I plan to go to Loreto next year. However, on my most recent long range trip, the crew of the American Angler (out of San Diego) insisted that all members of my party purchase Mexican fishing licenses from them even though some already possessed one. This needless expense left a bad feeling in my friends and I feel this practice should not be allowed. One fishing license should be enough.

388. This was the best fishing trip I have ever had. I would like to travel to Mexico and charter a boat for fishing.

389. I have enjoyed every trip I have had in Mexico. I go about two times a year.

390. I'll be back for more.

391. I enjoy your country and the experiences I have had. I very much look forward to my yearly fishing trips to Mexico. I also am looking forward to a 15 day long range trip to area 4 or 6 on your map. I am also an ex-scuba diver.

392. It was an outstanding experience.

393. Most of the fishermen guided by the skippers of the boats are meat fishermen. There is little or no sportsmanship in catching the fish the way the fishing is being done. Sportsmanship would mean less fish count but more fun.

394. Had a great time. Next time I'm going to Baja to fish out of a panga. This was my fourth trip to Mexico--2 times on a long range boat, and 2 times at a resort.

395. Make it easier to obtain hunting and fishing licenses and more Americans would come to Mexico.

396. We enjoy fishing in your waters. Thanks.

397. This was the greatest fishing experience I have ever experienced. I am coming back as soon as I can. Stand up fishing is true sport fishing. I am not going to Alaska or Canada again. My son and I quit fishing for pargo, because we caught only what we needed to eat. We brought most of our fish back to Seattle and processed them ourselves. They are gourmet eating. I would like to thank the Mexican government and Department of Fisheries for allowing us to fish in your waters. Our boat, the Royal Polaris, explained the Mexican limits and regulations to us and was watchful that the regulations were not violated.

398. Commercial seiners will be the demise of tuna fishing in your waters. It's time for serious and deliberate limits for both commercial and sportfishermen. As Dept. of Fisheries it is your responsibility to make sure your resources do not become taken for granted and exploited. If you want an example of what can happen when pristine and fertile fishing grounds are over impacted, look north...across the border.

399. Appreciate the opportunity to respond and your concern by doing this survey. I think there is lots of room for growth financially of the sportfishing interests in Mexico and Mexican waters. Thank you for your concern.

400. Same group intends to take same trip in 1992.

401. When I first fished in Mexico in the 50's, fishing was excellent. But as time has passed it is not as good in some years. I have seen many new innovations, but I feel the seiners have done the dirty work when it comes to sport fishing. 1) They wrap a school of fish and it's all over for the sport fisherman. 2) Also too much pollution. However sportfishing is helping to clean up their act if no plastics or trash overboard. 3) Someone has to establish size limits or we won't have any new fish to fish for. 4) Don't make too many restrictions for the sportfisherman or they won't fish Mexico, and will go to Costa Rica or Panama or where ever they can go to catch fish without problems and restrictions.

402. More control must be used to slow commercial over-use of resources. Foreign boats are illegally fishing in your waters very often. Also limit the domestic harvest by your own citizens.

403. Great trip.

404. Stop gill netting and purse string netting and long lining.

405. I have made 5 trips to Cabo San Jose. I enjoyed the personalities of the Mexican people I have come in contact with, even though of the 5 times the fishing was good only on 2 occasions. The only fault I find is the prices have risen sharply and my friends and I are now looking for a less expensive place to fish.

406. Throughout the past 10 years of fishing in the Mexican waters the amount of fish and the quality of the fish and the size of the fish has been decreased and deteriorated. Therefore the number of trips made by me has decreased every year. Last year I made over 12 trips and the year before I made over 15 trips. I do not know if there will be any large number of fish left in 10 years for me to take my son fishing in Mexican waters.

407. The boats we chartered in Cabo did not want to use our tackle. We used theirs and our marlin hookup broke off in 2 minutes. They need more permanent dock facilities in Cabo marina. The morning rush of boats is a joke. Hotels were clean. Restaurants were excellent. Weather is great. The cab fare from the airport was a very fair price. We will definitely go back again.

408. Afraid to take the family because of robbery! I plan many trips for myself this year.

409. Stop or regulate commercial fish. Stop or regulate severely tuna fishing in area 5,6,9. Japanese & Portuguese commercial fishing is wiping out Mexico's most important resource. It must be slowed down!

410. On my last trip to Mexico from San Diego, we were originally going after blue and yellow, but approximately 1 week before we left the fish went south so we went after anything we could catch. This has happened before when going after albacore or yellowtail--but no matter what we always catch some kind of fish. It's always fun!

411. I enjoyed my trip, but was sick for 7 days due to a recent surgery.

412. Getting expensive--employee not getting good wages while owners are profiting.

413. I have fished in Mexican waters for almost 30 years. There appears to be an abundance of game fish with no signs of a decline (now that long lining is illegal) in the resource. The limits on fish are a little harsh, but certainly better than the 2 fish/day recently in force. That unreasonable limitation would have been disastrous not only to tourism in Mexico but to the San Diego long range fleet. We appreciate your reasonableness. I plan on fishing in Mexican waters as long as I can fish. The cooperation between nations is greatly appreciated.

414. I started fishing in Mexico when I was 12 years old. I walked the streets of Ensenada and San Felipe without fear and felt very comfortable in your country. Unfortunately the corruption of your federal and judicial police has developed a fear in me and my family which prevents us from enjoying your country.

415. Between 1980 and 1985 a group of fellow employees and myself would charter a boat out of Ensenada. The reason we stopped was we were not getting what we paid for (full day boat would come in at noon, frozen bait). I would like to try Ensenada again if the boat operators would be fair.

416. We have fished at Cabo San Lucas, Loreto, Bahia de Los Angeles. Cabo San Lucas from boat and panga. Loreto and Bahia de Los Angeles from pangas. We rode an airplane both ways. My wife and I both love the people and Mexico very much and hope to fish in Mexico many more times.

417. I'm glad to see this type of direct, to the point questions. But I have one also that I would like a written reply to: I purchase an annual fishing license (from Vagabundos) because we maintain a residence and our own boat near Buena Vista Baja Sur. Then when we go on a long range boat from San Diego, I'm told that the license is not valid on a long range boat, so I'm stuck for another license fee. I think a Mexican or U.S. licenses is a license period!! Please explain what I don't understand. Sincerely, [Name, Address].

418. I loved the bluefin trip in Mexico's waters. The one thing I didn't like was one night I saw one of the crew dumping trash over board. I ask about it, but no one seemed to care. I guess this practice is the norm.

419. Most of my fishing over the past three years has been in Mexican waters. I have had several successful trips. However the recent multiday (3 day) trip was not successful.

420. I mainly fish for tuna but the limits Mexico set for 1991 hurt the San Diego landing this year plus no tuna showed in any numbers.

421. I am glad that Mexico changed the tuna limits from 2 per day to 5 per day. If this change did not take place I probably would not be fishing any overnight or long range boats. Thanks for the change! Cabo San Lucas should develop a better bait catching system (bait receiver). When fishing in Cabo when bait is available it sometimes dies before getting a chance to use it (this is mostly on the Cabo pangas).

422. You may want an explanation why fish were not released--i.e. sea bass. Crew said it would die if they tried to release it.

423. I think Mexico is the best place in the world! I plan on fishing Mexico every year till I die. But I think I rather fly into Mexico and fish off the pangas and meet the people there. They are very nice.

424. I would suggest a minimum size limit on yellowtail (24"), kelp bass (12"), and barracuda (28").

425. It is a pleasure to help with my answers. I pride myself as a promoter of Baja fishing. I run a tackle shop in Beverly Hills, and now organize Baja charters for long range and resort destinations. The future of Mexico's fishery is important to all those that use this resource. Commercial, sport, and Mexican citizens must work together to preserve this fishery. I also enjoy photographing the birds and mammals that inhabit these waters. I would gladly answer any questionnaires in the future. Please keep me posted on current work being done on the preservation of Baja. I would like to help.

426. Limits on catch are good (as long as not too restrictive). The commercial fishery should also be well regulated.

427. It was always fun, but each time there was a problem. First time I got a slight case of dehydration and the old skipper just wanted a fish count. The second time we didn't find the game fish.

428. I have just one comment. I think your present regulation on the daily bag limit is perfect. The sport angler will not affect your fish population to any degree. The commercial boat will (without closer regulation) continue to destroy your fisheries. If tourism declines because of poor fishing, vital jobs will be lost for the coastal residents. I enjoy fishing in the waters off Mexico and hope to do so for many years. P.S. I don't like to fly or I'd fly down to Cabo to fish. Thank you.

429. Keep Mexico's present fish limits. Enforce your laws on commercial fishing or else there will be nothing left for anyone to catch--i.e. gillnets and seiners should be watched more closely.

430. I have fished Mexican waters leaving from San Diego 3 times. All others were from Ensenada and/or shore.

431. We enjoy fishing in Mexico waters, it is one of the last places with any fish.

432. I really enjoy fishing in Mexico. It is a great sport and the fish taste really good.

433. Mexico has a billion dollar sportfishing industry that is in jeopardy due to overfishing by the Mexican commercial fishing industry. The San Diego sportfishing fleet is a valuable asset to the economy of the Mexican government that must be preserved. Stop overfishing by the commercials.

434. I enjoy fishing in Mexico, my father did so too. But I am worried about the gillnet, long line fishing done by the Japanese. They take everything, leave nothing. I have been in Mexico fishing after them and caught nothing in 4 days fishing the Sea of Cortez. I love fishing and taking my family to Mexico, but if there is no good fishing I won't go.

435. Please try and do away with gillnets and long liners. The Mexican people are very cooperative with the American boats that I have fished on. This will probably be my last long range trip because of the high cost and we are living on a limited budget. I am 72 years old and all I live for is fishing.

436. If not for the enormous cost I would like to fish in area 7 & 8 on your map. Negative publicity about being ripped off has deterred me so far from fishing further south in areas 13 to 9. Because of the high cost of sportfishing boat in San Diego, which leaves me the only one to afford it, our family is planning a trip to either 10 or 9 in 1992 and if we have no problems with it we might make it a regular thing maybe 3 or 4 times a year.

437. I enjoy fishing in Mexico. The East Cape region of Gulf of California is best for billfish and the Pacific side offers best tuna and wahoo. Mucho gracias! Mexico. Mi amigos.

438. Mexico offers some of the finest fishing I have experienced in all the world. Let's keep it that way for all generations to enjoy.

439. I enjoyed fishing in San Felipe in the past. The fishing was good and the people very friendly, but I stopped going on these trips because of the conditions of the Mexican boats and lack of safety equipment--Tony Reyes tours.

440. I would like info on fishing out of hotels in Mexico--where the hotels are, what they have to offer, where boat launches are, where to rent boats.

441. Our trip on a charter boat was very good and I will be doing it again. My family does not fish and would not do well on long range trips but I would like to take a fishing vacation with them from a Baja port (Cabo San Lucas). I would like to see a nicer boat 40-60' that would go 2-3 days out. That would be nice fishing and leave me time to vacation with my family in Cabo afterwards.

442. Once a year I fly to Loreto with 1, 2 or 3 of my sons. We stay 4 or 5 days at either the El Presidente or Oasis Hotel and fish from the local panga fleet at the cost of \$500 each. Every two years I take a fishing trip out of San Diego, California to fish in Mexico, ranging from 4 to 8 days at a cost of \$400 to \$1,000 each. I would like to take my family on vacations in Baja California by auto. I would like information on lodging, restaurants, maps and the best time of the year to travel. Glad to be of help. If info available on travel please send to: [Name, Address]

443. The one day and 3 day trips I have been on have all been very enjoyable. I have two complaints: 1) The limit of certain fish, mainly tuna, changes yearly. It should be the same each year. 2) The cost of fishing in Mexico keeps going up. I would like to bring my 3 sons with me but they cannot afford to come on their income. We have enough costs with rising fuel costs.

444. Thank you for letting us fish in your country. I feel that as long as your laws are fair and standardly enforced, we Americans will continue to visit Mexico to fish. We don't demand a low price, just a fair price with fairly enforced regulations. Reports of robbery and corruption are very damaging to my desire to fish in Mexico. Thank you for considering our concerns and input regarding your country.

445. In the past 2 years we have paid quite a bit for Mexican permits but fishing has not been good out of San Diego into Mexican waters.

446. Since the questionnaire asked for the last trip only, I did not describe the trips to Ensenada, Cabo Del Jose or San Felipe. We stayed in hotels, ate food, fished from pangas and had a wonderful time. The people are nice and friendly and the atmosphere is great. I certainly hope that Mexico will continue to devote its attention to the FISHERY MANAGEMENT BUSINESS so that we in California as well as the world can continue to come to Mexico and fish and spend money. Note: I usually take two long range trips and 1 or 2 trips to La Paz, Ensenada, Cabo per year. Fishing this last year was not great from San Diego.

447. I'm hooked!

448. Stop the Asian drift net operations.

449. I enjoy your country and will return again. Please do not let gillnetting continue in your bays and wetlands. These areas are very important to your fisheries success.

450. I think the limits you have set on migratory fish is wrong, like the tuna family. We would only catch as many as we need.

451. From my experience, the Mexican government has continued to make it more difficult for me to take my fishing vacations in your country. The Federal Police has a terrible attitude toward Americans. I have been targeted on several occasions and taken advantage of. And now with the strict fish limits, I have restricted my trips into Mexico and look to other places to fish.

452. I mostly enjoy driving into Baja and camping at the beach, spearfishing & fishing from shore. Whenever the fishing gets good for tuna in area #1, I go on a friend's boat or a sportfishing boat out of San Diego.

453. Stop gillnets and reduce commercial fishing pressure on our tuna. We need a larger number of limits for long range trips. Bring back our sportfishing to So. Cal. waters. Tougher limitations on the foreign commercial fishermen who deplete our natural resource. Think long term--please.

454. I would like to say that the quality of fish in the Mexican waters is excellent. My last trip down in Oct '91 I was very impressed with the passengers and crew of the boat (the Vagabond) that I was on. We came across an area that produced several adolescent yellowtail. You could not get away from them. I did not see any of these fish kept by anyone aboard.

455. I would like to know what the data from this survey will be used for, but I suspect I never will know exactly. Mexico is a beautiful country. I just hope its resources will never be depleted to the point of no return. Thank you for having me as a guest in your country. It is appreciated.

456. My father and I had the best time of our lives. We will do it again.

457. I fished in Mazatlan 2 days, in the East Cape 3 days and in Cabo San Lucas 3 days last summer.

458. Very enjoyable experience as it always has been & I will return.

459. If limits are set, they should be reasonable. It is very expensive to fish a long range or Baja panga trip. If catch limits are too stringent anglers will go elsewhere.

460. Please don't allow the Japanese to open up Magdalena Bay. Please don't net all of the sardines in the Sea of Cortez. Your most important resource is the abundance of your fish. If strict measures aren't taken to prevent the yellowtail schools in the Sea of Cortez from being netted to extinction or the sardines that they feed upon, they will become as plentiful as totuava are today. Once the fish are gone, those that purchase the fish will desert your shores, tourism will die, and the conditions of your people will worsen. Your fishery is precious. Protect it!!

461. I have personally fished in Mexico (mainly Loreto) several times yearly since 1972. Some of my very best life experiences have come about due to my trips south of the border. My concerns are strong relating to the commercial fisherman whom I understand are depleting the fish supply. I would support any program designed to protect the game fish. Even though I'm only 32 years old--I'm already thinking about retiring in Mexico. I've always been treated well by the people I've encountered on my fishing trips and I would feel good about calling them "neighbors". Adios mi Amigos!

462. I'd like to try more fishing in Mexico.

463. In 1988 my friend and dad and myself trailered a boat down Baja as far as Loreto for about 7 days, fished 4 days. Tough learning experience. In July of '89 my wife and I with another couple flew to San Jose Del Cabo, then stayed at Palmas de Cortez. Fished the East Cape 3 full days. Fantastic trip.

464. Just love it!

465. Our boat ran out of gas on the way back. We were coasting for about 3 1/2 hours before another San Diego boat came by and gave us fuel. During that time the deck hands had set up 2 poles for shark fishing, 2 were caught (blue shark) and the heads were cut off and the bodies thrown back in. I think this type of sportfishing should be outlawed in Mexico. Catch and release or eat the fish.

466. With reference to 1991: My wife and I fished Punta Abreojos for 2 days with Baja Adventures (panga), then on to Loreto--fished several days (panga and privates), then fished San Diego on a 5 day trip in Sept. I have enjoyed Mexico fishing and leisure for many years and like the idea of PESCA making inquiries about visitors--their interests and activities. Hopefully this survey will help both Mexico and the many tourist activities centered around fishing.

467. Year to year consistent regulations for both fishing and hunting. Better safety equipment on the Mexican cruisers. Love to fish in Mexico.

468. I understand that the Mexico government has made a law that if I take my car in Mexico over 20 miles I must have insurance for 6 months, approximately 320 U.S. dollars. I will not go any more. Nuts to you.

469. Stop longlining. Stop using nets that kill indiscriminately.

470. Had a great time! Will do it again. Catch and release should be promoted. The skipper was very conscious about things like trash and following all rules. Fishing "down south" is something a lot of people in So. Calif. either do or want to do. We would like to see Baja fishing on TV.

471. I love to go long range because of the boats, people and everybody connected with the long range fishing.

472. Years ago I fished the 1st and 2nd estuaries for sea trout (corbina) and enjoyed being with many Mexican people who were always kind, understanding and very helpful.

473. Keep the gillnets out. Lower limit of fish.

474. I have fished the waters off Baja for many, many years. My fishing has been primarily from the long range fleet from San Diego. I also fish from pangas and cruisers at Loreto, La Paz, Rancho Buena Vista, Cabo San Lucas, etc. During these many years, I have watched the steady decline of fishing success at Socorro and other favorite "big fish" spots due to long lining and other commercial activities. I am not against the commercials, I am stating my observations.

475. I don't understand why you force the long range sportfishing boats to charge us such a high fee for fishing licenses in Mexico. It is my understanding that you require them to charge us for licenses based on the daily license fee instead of allowing us to purchase a 1-week or 1-month license at less than 1/4 the cost. Why can't we buy our own license from the Mexican govt. to cover the long range trip? These trips are expensive enough without the additional "taxation" by the Mexican authorities.

476. I love fishing in Mexico. Best fishing grounds on planet Earth.

477. Weather and fishing are usually unbelievable. Reworking the fish limits was smart and appreciated. We do need/want some limits but the food value of what we can bring back needs to be worth the trip. Thanks for caring about your fish and fishermen.

478. Ten years ago I caught a lot of albacore, yellowfin tuna, bluefin tuna and yellowtail. Please tell me where the fish have gone.

479. Every year I purchase a Mexican fishing license and another for my 24 foot sportfishing boat. I resent and dislike being charged again when I take a long range fishing trip from San Diego.

480. I don't expect to ever go back.

481. I have answered questions as asked for the current year. Past years 1980-1988 I have averaged 3 long range, 3 Baja trips with own personal boat (constructed in S.D. specifically for Baja at a cost in excess of \$20,000). Purchase of 4X4 vehicle \$18,000 and fishing equipment in thousands. Let's keep fishing alive in Baja!

482. I have fished Mexico Golfo for many years. My family and I both love Mexico for the people, climate and the fishing. I also fish on long range trips from San Diego--have done that for a number of years with a group of friends. I hope to spend more time in Mexico over the next years.

483. With long range fishing trip prices increasing, I may not be able to afford to go any more.

484. I appreciate your concern about your valuable resource. I only wish the U.S. government took such interest in the individual that uses the ocean resources in the U.S. I have watched the commercial decimation of our ocean resources and hope that you limit the most destructive of fishing gear in your waters. My observations have shown that large gillnets, long lines, bottom trawls and fishtraps destroy more sea life than the ocean can sustain.

485. My last fishing trip to Mexico was great. I towed my 25 foot boat to Cabo San Lucas and fished many places in between. The only problem I had was with a pangero who wouldn't let my large boat into a Pemex station to buy gas in Loreto. He tried to convince me that I being an American had no right in Mexico to buy gas at a station if there were any Mexicans who were waiting behind me in line. Other than that I had a great time and will return next year with more people to fish. Thank you.

486. I would consider driving down to Mexico for fishing but one hears of bad roads, auto insurance hassles, and dangers of driving at night! I also heard of problems about outrageous auto parking fees and potential of auto theft! Solve all of the above and a lot of us in San Diego would come on down!

487. Please don't be more restrictive on licensing and number of fish allowed! Thank you and good luck.

488. This year fishing for big game fish was not very good for the one day trips. Also becomes very expensive, especially when the fishing is not good.

489. We encountered bad stormy weather on our recent trip so no fish, but I always enjoy fishing in Mexican waters.

490. Over the past 6 years, I have taken 4 Mexico fishing trips, (1) out of San Diego (last trip), (1) out of San Felipe, and (2) out of Ensenada. The (2) Ensenada trips were fair. The (1) San Diego trip was excellent. The San Felipe trip could have been good, however the boat and crew were very poor quality. This was a 9-day trip and over 90% of our fish spoiled before getting back to port. The only one on the crew who was "civil" was one of the cooks. If better quality control by the Dept. of Fisheries were in San Felipe, I may go back.

491. When will enforcement of longliners begin? Will repeat offenders be subjected to more serious fines/punishments?

492. It was fun trying.

493. Fishing is getting "worse" each year due to commercial fishing pressure out to sea. Japanese taken all the albacore.

494. On my first trip to Cabo San Lucas, I caught a blue marlin and had it mounted in Mexico. It was the only fish I caught, but if I ever catch another one, I will release it unharmed. One beautiful trophy is all I will ever want. Thank you for allowing me the opportunity to catch a fish that I will always remember.

495. New limits on fish in Mexico are great. Helps to keep future fish stocks going. Should be less long lining, purse seining and drift netting. Someone should help out with sportfishing access to the Ensenada fleet, too hard to find parking down there. All commercial boats violating Mexico fish laws should be sunk and turned into new reefs.

496. My fishing trip was completely paid for by a business associate--transportation, food, drinks, everything including license fees. Thank you for your interests in my experiences and opinions of my fishing trip.

497. For 10 years straight I have fished in Mexican waters from a long range boat out of San Diego. I usually do in October because of the weather and varieties of fish to be caught at that time of year. I believe that the angler on a sportfishing boat (long range) catches only enough fish to feed his family for the year. The commercial boats and the Japanese fishing industry are mainly responsible for the overfishing and destruction of the natural resources. The Japanese have virtually wiped out every species of fish in their backyard and now they want to do the same among the Mexican coast. Don't let it happen!

498. If it hadn't been for a last minute change in the Mexican fishing regulations, I would not have gone fishing this year in Mexican waters and possibly never again. I understand the concern for conservation of the resource but I feel sportfishing is only a small percentage of the overall take compared to commercial fishing. Keep up the good work. Don't let the Asian fleets rape the seas!

499. Questions #22, 23, 27, 33 & 34 are personal to me. I don't feel like answering them.

500. I take at least one multiday trip out of San Diego each year. This year I did a 3 day, 5 day, and 1 1/2 day through year for quality fish. The confusion and restrictions of new limit regulations will have a direct impact on my future trips. Current limits make a multiday trip less enjoyable and will have negative results at the landings.

501. The fishing is hard fishing, not as easy as people say. It's very costly for as many fish as you get.

502. I'm happy about the new limits imposed on sportfishing. You have a beautiful resource. Please don't let the overharvest of commercial fishing destroy the resource. My wife and I look very forward every year to fishing the waters of Mexico because of the quality of fish, and the beauty of pristine water. In these days of "more is better", and "live for today, take all we can", it is easy to see why there is so much fishing pressure put on by the commercial industry. Please keep these dogs at bay so that my son may grow up to enjoy the same fantastic fishing that I do in your limited resource.

503. My fishing trip was the worst trip I've ever experienced.

504. Many pangeros are not yet practicing enough "catch and release" but it seems to be improving. Perhaps more Dept. Pesca education through the "co-operativa" would help. Size limitations and catch totals for commercial fishermen are in need of closer attention. Keep the Asian longliners and purse seiners OUT of the Sea of Cortez and far enough off-shore to preserve vital sportfishing interests.

505. Over the few years I have been fishing, all I think about is the reduction of size of fish being caught. I don't have any problem against commercial fishing. However, when I stop and think of "gillnets" it is horrifying to think no fish escapes. Hook and line (longlining) does not catch all the fish so there is still a lot of chance of re-production, but with a gillnet nothing escapes. I believe sincerely that this a major cause of the decline of our fisheries, not to include pollution. And the sad part is that "we" are all guilty.

506. Thanks for the map. Is there any way we can get a better map of the areas we have fished? [Name, Address]

507. You will notice I did not catch a large quantity of fish for a 10 day trip but I considered it a very successful and enjoyable trip. Early in 1991 Mexico had a very restrictive fish limit for long range trips leaving San Diego. This was later relaxed--as I understand it--after discussion with U.S. boat captains and other people in the U.S. sportfishing industry. If the original restrictive daily fish limit had continued I would have canceled my trip. I usually make several fishing trips a year to the Sea of Cortez utilizing Mexican guides on Mexican panga boats (Loreto, Mulege, etc.). I have a constant worry that there will be too much commercial fishing and as a result the sportfishing will be ruined.

508. They are all nice people--especially south!

509. If cost was less, I would go more often.

510. Love Mexico's fishing (save it). Keep the gillnetters out.

511. I feel the commercial fishermen are the ones ruining the sportfisherman's industry because of the great demand for any kind of fish for fertilizers to cat food to human consumption in foreign countries. Japan. All aspects especially commercial take should be monitored more closely. No more longliners or nets. Bring back the tuna rock fisherman--more jobs.

512. The tuna limits imposed in 1991 are ridiculous. A long range trip costs \$1200-\$1500. I am not going to pay out this kind of money again until these limits are increased or removed.

513. I am pleased to see that people are asking question from the average Joe. I was glad to see the long liners go. Many of my friend fish Cabo & Rancho Buena Vista for billfish. They say the trips are better.

As far as the number of fish per day or trip, that's a hard one. There should be some control but not a strangle hold. Catch & release should be pushed more especially for the smaller fish.

There were some rules about lures & bait. I think use all you want or can some fish bait. Others like me love to use lures.

514. Yes, I feel that generally speaking, tourist fishermen using Mexico as a fishing destination use good self control about the number of fish killed. I have had many experiences where a "pangero" refused to release fish as his "fish count" would look good for other "gringos." This stinks! Also the indiscriminate killing of thousands of fish by gill nets throughout Baja is outrageous!

515. We have found that Mexico is a better value for vacationing than Hawaii.

516. We have spent a lot of time fishing in Mexico. We enjoy talking with Mexican warm & charming people. We always obey Mexican laws and fishing regulation because this will ensure a strong fishery for years to come, not just for American but for Mexican alike.

517. We greatly appreciate your interest in us.

518. I think the American sportfishing fleet should be discouraged from keeping every fish caught. The 3 days trip I was on the crew encourage everyone to keep or give to them everything. Soon Mexico's fisheries will be like California. The panga skippers at Castros also encourage loading up on fish. They aren't unlimited so some should be left for later.

519. For the last 5 years, tuna fishing has been very disappointing--albacore hasn't been around for quite a long time.

520. Just to let you know, I eat what I catch. Can't afford long range if expense get much high for license, etc. Regulations are fair as they are now. Enjoy the Baja very much.

521. I think that Mexico should seek to develop long-range fishing industry with boats based in Mexican ports--such as Cabo San Lucas or Puerto San Carlos.

522. Quit polluting the water!

523. Please don't lower limits on fish for long range fishing trips.

524. Stop folks from wiping out the yellowtail in Bay of L.A. Get some of the nets away from Coronados. Keep Japanese longliners away. Fix road in Tijuana & Ensenada so it is not a maze.

525. Thank you for permitting me to participate in your survey. I know on our side of the border our fishing (commercial type) industry has been controlled in a very poor manner. I would hope that your country would see that one of your greatest resources and industries exists in the Pacific Ocean and the Sea of Cortez. I also implore you to make your beautiful country an attractive sportfishing playground. It is one of the cleanest revenue producing products you can make available for the world to enjoy. It is proven that more money is generated by a healthy sportfishing industry than any amount of commercial fishing operation.

526. Very good most of the time.

527. I will fish more often in Mexico water.

528. Every year there are less fish & smaller in size.

529. On fly back trips, we sometimes stay in Cabo San Lucas three days while the boat returns to San Diego. We do not fish these days, but vacation otherwise locally. We fish on boats with limited loads only, and then only when we know a number of people on the boat (crew and fishermen). We donate our fish to charity in the San Diego area. We would prefer a situation in which we load "our boat" in San Diego, fly to Cabo, vacation in Cabo and have the boat pick us up for fishing and return to Cabo for the flight home. If there were good, reliable fuel facilities in Cabo this would encourage charter boats to refuel there rather than carry enough fuel for the two-way trip. Cabo does not offer good tackle shops catering to off-shore fishermen which would encourage purchases in Mexico. (Quality, hand wrapped tuna rods, for example, would be good export items.) I support the current bag limits on multi-day trips. It was strictly followed on our recent trip and we had a good trip. We adjusted our fishing so we would. When we got into a school of small tuna from which we could have landed many fish, we stopped fishing, waiting for a few good fish later. It worked and resources were preserved for the future.

530. I have thoroughly enjoyed fishing the waters of Mexico, especially areas #5 and #6. Future plans include trips to the East Cape via air and lodging in the La Paz-Loreto area. I personally release most fish caught. I go for the sport--not the meat. I have vacationed in Acapulco and enjoyed the friendliness and warmth of the Mexican people. I'm sure more and more Americans will be making Mexico their vacation destination in forthcoming years due to the recreation advancements Mexico is making.

531. Thank you for the good fishing.

532. Yes, please don't develop too much in Baja. It's our last true ocean wilderness reachable for us true sportsmen with limited income. I plan on getting a small trailerable boat someday, so I can fish Baja in seclusion.

533. I feel on a "fishing survey" personal questions are not especially necessary.

534. I hope to do many more trips to Mexico including staying at hotels and fishing from pangas. I'm very impressed with Mexico's interest in preserving the fishery by suspending long line permits for commercial fishing. Keep up the good work! The limits on # of sportfish per angler per day are unreasonable and will hurt Mexican tourism.

535. My usual trip to Mexican waters involves me catching more fish than the last one. I am glad that the government of Mexico is instituting limits on catches and getting the longliners out of their waters. Mexico is a great place to visit and fish and I would hate to see it get ruined by overfishing.

536. Why such an extensive survey?

537. I've always had wonderful camping and fishing as far down Baja as Bahia de Los Angeles on the Gulf and San Quintin on the coast. The Mexican people have always been wonderful and as reliable as they could be for our shopping for supplies and necessities. We always went prepared and with the proper Mexican licenses. We always released all fish caught on our longest trips except for what we ate on the spot. Due to health problems I have been unable to drive and camp far into Mexico--so now I have been enjoying San Diego based 10 day long range trips. This was my seventh year. Soon I hope to fly down Baja and board a sportfisher there. Thank you.

538. I think there should be size limits on all species. I want there to be fish left for my children when they are my age. We must protect these precious resources.

539. I appreciate being able to help you obtain a clearer picture of Americans fishing in Mexico. I feel that the more that is known, the better the fisheries can be managed. I will gladly answer any other questions or surveys.

540. I feel the current Mexican fish limits are fair and helps encourage catch and release, with plenty of fish for consumption. Hopefully this will conserve this precious resource so my daughters can enjoy the wonderful "Mexican fishing experience" when they are old enough.

541. I'm looking forward to a trip to Los Cabos sometime in '92. I've heard great things about it. Hope they're true.

542. I am unhappy with the new Mexican fishing limits imposed this year. In the past years I have donated 90% of my yearly catch to help feed the homeless in the San Diego area. Now with the new daily catch limits I was not able to donate as much fish as I have in the past.

543. Usually fish Loreto or Los Cabos 2-3 times a year. Fly down and back from LAX.

544. Fishing in Mexico is a wonderful experience because there are so many fish. Please do whatever it takes to keep it so.

545. I have noticed less interest in fishing Mexico since the new rules and limits. I think you should go back to pre-1991 rules. Get the longliners and gillnetters out of Mexico.

546. Captain of the boat was very conservation minded, insisting that small yellowtail be released to protect the fishery.

547. Thank you for the privilege to fish in Mexican waters. I hope I can do so for many years to come in the future. My appreciation on the Mexico Dept. of Pesca's compromise on the catch limits of fish. The original proposed limits would have stopped my fishing in Mexico. I understand that you must protect the fish resources of Mexico. I understand your mandate to manage the resources wisely. Limits currently are ok. I do question though your policy of allowing killing of porpoise (dolphins) by your tuna fleet. I am also opposed to off shore gillnets and longline fishing by commercial fleets (both Mexico and foreign). My belief is that the fish resources will be better conserved if the commercial interests were controlled better in this regard. Ultimately better for the people of Mexico, first! and sportfishermen. Thank you.

548. Why have there been all the hassles in the past year about sportfishing limits, especially on tuna? It is well known that commercial fishermen, U.S. and Japanese, take far more tuna than sportfishermen do, yet their take is barely regulated. I like the new policy encouraging anglers to not take slow-growing fish like the black sea bass and grouper.

549. Yes I spend a lot of money to fish in Mexico. We stay in Cabo San Lucas a couple of days after and spend money. I've tried the boats out of Cabo and they don't get to where the big tuna are and that's what I fish for also. I think we need support from the Mexican government instead of all these regulations. I can only go a couple of times a year and save my money real hard to spend a lot of it in Mexico!

550. I think the new Mexican fishing limits should be increased for the sportfisherman.

551. I would like to see more enforcement on the Mexicans that pollute "the Sea of Cortez" and the ones that pay "NO" attention to rules and regulations governing numbers and size limits of fish!!

552. Mexico is doing a good job.

553. Japan has to stay out of Mexico's water.

554. Thank you for the use of your fishery, the hospitality of your people in the La Paz area, and the beautiful weather on my trips.

555. I feel it is a great place to fish and do often. I also feel it is of great value to Mexico to have Americans come there as it amounts to a large income for Mexico.

556. My kids and I love fishing the Mulege and East Cape from our 16 ft boat.

557. Just great fishing! I've fished all over and I still say the fishing so. of the U.S. is the best in the world. Just keep up the good work. And keep after a catch and release program for undersize fish.

558. Some of the questions are too personal so I did not answer. Fishing Mexican waters--I love it.

559. What happened to the tuna and other game fish!

APPENDIX D-3.

RESPONDENT COMMENTS  
FROM NON-CPFV QUESTIONNAIRE

1. We would have stayed longer and fished more but our engine broke down. We had to return early. We love your country and we shall return.

2. I go to Mexico not to fish but to enjoy the country & people and hope to move in the near future.

3. I think the two dorado limit should be raised to five like tuna.

4. 1) Yes we enjoyed our trips to Mexico. 2) Stop the blue shirt police from the searches just to ask for money (Santa Rosalia, black shirts). Blue shirt was south of Loreto near Junaletto. Black shirt said they were searching for guns and drugs, then wouldn't stop until he was paid \$20.00 US. He wouldn't take Mexican money. Very big gun.

5. A serious problem for Mexican freshwater lakes is the commercial fisherman. Lovina are caught along with the morruga and soon the lake is not worth the visiting fisherman making the trip to fish. No lovina should be kept by commercial fisherman and limit for sportfisherman should be two fish per day maximum. Also, in freshwater, anyone in a boat is required to have a license whether they fish or not. Not fair to require person who does not fish to have a fishing license.

6. Living near the border I have many years knowledge of the fishing in Mexico. It is very visible that when there is good fishing many people go there. It takes good fishing to offset the hot weather, and facilities not always as comfortable and efficient as we are used to at home. Whatever is best to do to have the fishing available should be done. The limits should not be too small. It deletes the value of going. I'm sure people would release the extras.

7. Fishing is only incidental to our trips to Mexico. We licensed the boat for fishing which is currently moored in Mexico so that we could fish legally if we desired.

8. Having been connected with the Boy Scouts of America for many years and a scoutmaster for several of those years, my troops spent many X-mas and Easter vacations in Baja. We were always met with cooperation and friendliness whenever we went. I have always found your people from the average citizen to the government official to be of cheerful spirit and ready and willing to help if necessary. I have a cabin at Alfonsoias in San Luis Gonzaga and a trailer in the Ensenada trailer park. Again have only praise for all we have met and dealt with. I would also like to commend and say thanks to the people who work at the Pesca headquarters and Dept. of Fisheries in San Diego. Great people! S.L.

9. I believe you are limiting yourselves on information by sticking to "your most recent fishing trip". I personally do all kinds of fishing trips to Mexico. Nearly all that you describe. All I answered for was a trip to the Coronado Islands. But I fish all up and down Baja as often as I can.

10. We are very happy to see the new limit restrictions especially for the long range boat out of San Diego. We would feel comfortable with even more conservative limits, to help encourage more catch and release fishing, etc. We hope that the Mexican government will enforce the new sport catch limit in order to preserve the resource.

11. Our last four trips to Islands have been very poor. No fish were caught.

12. Limiting the number of fish taken per angler is a big mistake if they are sport fishermen (tourists). Stop commercial fishing in all waters near Baja. Keep Asian commercials out of Mexico. Do everything possible to improve sportfishing in Mexico. Please remember the "rule of 3". 1) No fish to catch means 2) No tourists, which means 3) No U.S. dollars in Mexico!

13. Just asking about most recent trip I do not think you get a clear picture. My most recent trip was by air and rental boat, but 90% of my trips are by truck and camper and my boat and most of my trips are in zones 12 & 11.

14. I hope that the purpose of this survey is to ensure that Mexico continues to provide the proper conditions that encourage Americans to continue to come and fish in Mexican waters and enjoy the wonderful Mexican hospitality. We often fly down and drive through Baja north to south and love it. However, I used to hunt in Baja. Due to the significant increases in licenses and fees, and the "so called" guide rule I stopped hunting in Mexico two years ago. When I and my friends and family come to Mexico except for short trips to Coronado Islands we spend money for food, lodging, gas, insurance, etc. I stopped doing that for the hunting portion of my Baja enjoyment. I hope that I don't have to for the fishing portion. Thank you.

15. Yes--we thoroughly enjoyed our trip to Mexico and intend to go back. However two things I did not enjoy about Mexico. 1) Gill netting and spearfishing at Lake Bacarat will destroy your fishery if not stopped. 2) Federale drug checkpoints seem to be set up to harass legitimate fishermen and are unnecessary. Stop the gillnetting at Lake Bacarat before it is too late. It is probably the greatest bass fishing in the world but you will lose it unless you protect it and encourage catch and release fishing.

16. The insurance is a rip off! Didn't like the price gouging from most sales people!

17. We surely enjoy Baja and its fishing. We also took a 16 day trip out of San Diego that was wonderful. Hope you can keep the prices down for us who essentially live in Mexico.

18. Commercial fishing is ruining your fisheries. We often fly and stay in hotels. It is becoming cheaper to fly to Hawaii and fish. Megabuck hotels will only employ a small number of Mexicans catering to the rich.

19. 1) My family and I have vacationed in Mexico several times over the last 30 years. For 13 years we camped at a place south of Ensenada--each time for 3-4 months. All love Mexico! Not just for the fishing either. While I am the fisherman, the other members of my family find the beauty and adventure of Mexico a major reason to spend as much time as they do in Mexico. 2) Regarding fishing--there should be sound environmental policy and enforcement. Over the years I have seen a diminished fishery mainly because of the over-fishing by commercial fishermen. All gillnet and drift net fishing should be outlawed.

20. Great place.

21. In our cruising experience--most of the fish caught seem to be by commercial fishermen and by people with a Mexican guide. Also local fishermen (natives) have "fished out" several areas (Sea of Cortez)--they are overfished. We haven't caught that much fish, probably due to lack of skill and knowledge. This questionnaire was very well done. Good luck on your responses. J.G.

22. I am very much impressed by the hospitality of the rural people of Baja California, especially in Erendira and Punta Colonet. I have always conserved the area where I fished & throw back small fish. I have fished these places extensively since the early 80's. However, much to my regret the mussels which abound in these places are being depleted fast. I know that your citizens because of economies have boiled mussels by the barrel. Also undersized lobsters caught in any season are being sold to tourists and elsewhere. They use pangas with air compressor systems. I really hope they do something. Muchas gracias. Mexico is my second home.

23. Get road dept. to fix pot holes and add shoulders to road and you would increase tourism, fishing and certainly save lives and injuries.

24. Please allow us to clean fish at sea--this will keep the beaches clean and free of gurry.

25. The fishing in the upper part of the Sea of Cortez has been very poor for the last eight years, due to the gill netting, in my opinion.

26. I'm about the only person I ever met that bothered to get a Mexican fishing license. It really bothers me that with all the fishing going on out of Loreto, no one there ever heard of having a Mexican fishing license, and flat tell you you don't need one. I buy one every year, and the price doubles every year, for the boat too, but it's just part of going to Mexico.

27. Sir: My sole purpose in obtaining a fishing license for the boat, for myself and for two friends (who canceled) was to avoid difficulty with the Mexican authorities if stopped by them. I visited Baja Naral, a shipyard in Ensenada to have my boat varnished, waxed, bottom painted, scrubbed and teak oiled. I did not intend fishing on this trip. However, if albacore or tuna were in the #1 area I would go there to fish with the license I obtained for another purpose.

28. If the two dorado per day per person-three day limit continues, it is doubtful if we will continue to return to Mexico (Baja) to fish. We spent three weeks in Feb., five weeks in July each year for the past five years. And this year we plan to go in October. Fishing was very bad in Loreto this year. We feel government needs to stop allowing the long lines. Also should look at fish and scallop camps to see how every size is taken and wasted. We eat what we take. If bonito are not eatable we release if possible to use as bait. Thanks for the opportunity to tell you what we think. We love Baja and the people. Also we see improvements all the time.

29. I fish just for fun and a little to eat while in Mexico. We never take fish out of Mexico and just catch what we can eat. The cost of our last fishing license was so high as to make my type of fishing almost prohibitive. If you keep the cost so high people either won't fish or will fish without a license. Your revenue will be less if prices don't drop. My suggestion is to prohibit gillnets and possibly all net fishing to protect the beautiful resources you have. But reduce fishing license fees for non-commercial fishermen. Thanks for your interest. We very much enjoy your country and our Mexican friends.

30. The use of gillnets in Angostura, Novilla, Obregon, and other fresh water fisheries are destroying what could be some of the world's best bass fishing.

31. It would be helpful to standardize fishing regulations for fresh water fishing.

32. Ustedes necesitan algunas barcos de fiesta para turistas y pescadores que estan solamente. Tambian, quiero que va poner algunas playas de blanco circa de Loreto. Mas mujeres van a ir ayer.

33. Sorry, we haven't been down in a couple of years so this may not help much.

34. At the airport Cabo when you bring fishing or boat supplies for use they charge an import tax. I think this should not be so if it is for personal use. Thanks.

35. I feel there should be one fee to enter Mexico by yacht. No fee should be charged at each port once in your country. I do understand the need to keep track of each yacht that enters Mexican waters. This can be done by having each yacht leave a report form with each port captain without further charges.

36. I enjoyed the scenery very much. The fishing was poor due to storms in Southern California but I know it can be good having followed the fishing news for several years. I will fish again in Mexico as the Baja area is one of the best fishing areas in the world.

37. I enjoy very much the fishing in Loreto, Baja Sur, and am most pleased with the late improvements there. However I feel that the reduced limits on some fish such as dorado is unnecessary and will hurt the local economy. It is too expensive a trip for so few fish.

38. Fishing was very poor. Fished from Loreto to La Paz for five trips--even experienced fisherman said only good fishing was at Cabo. Sea of Cortez lousy this year (Mar-June). I did not go primarily to fish, but primarily to sail, so I was not extremely disappointed. I heard various reasons as to why no fish, which I'm sure you folks know. While I can afford the license fee, it seems unreasonable to charge A) every person on boat, rather than by # of fishing poles. On one trip I had to pay for 9 or 10 people even though I only own two fishing poles. B) I went down 5 or 6 times to my boat (which I kept in La Paz) and had to buy new licenses for my family each time! Seems like you could sell a monthly or seasonal license for casual sailors. P.S. I have heard you are going to eliminate the port procedures for people going in and out of the same port(s) all the time. The amount of time spent waiting around each port each time you enter and leave is useful only for using up paper and employing people, as best I can figure. That's my only complaint about Mexico. I love the people and everything else about the country. Adios.

39. I enjoy all my trips mostly to the lakes. However--the most disgusting are seeing so many netters who throw away so many dead fish. Also there are those who pilfer your camp even when we hire a camp boy to watch over our camp. The netters also block entrances to coves, and allow some of their catch to spoil. All this hurts reproduction plus disillusioning returning. J.R.

40. I love Mexico and the Mexican people.

41. I am finding a great increase in tourists and visitors in my "out of the way places," resulting in a major impact on the marine resources as a result of commercial use to supply the needs of these people.

42. Fish (sport fish) should be returned to the water--I have to fight with most guides to get them to release marlin, dorado, etc!!!

43. I have camped and fished in Baja with my family since childhood and love Mexico and its people very much. We've vacationed in Cancun many times and dove and snorkeled off Cozumel and Isle Mujeres, as well as our recent trip to Cabo San Lucas. In recent years, however, our business has not allowed us to be away as often and because this questionnaire inquires most specifically about fishing, which we've done little of lately, it's not a true guide of this family's trips to Mexico or money spent there for other things. But it will tell you about one fishing trip we made and enjoyed. Thanks. B.C.

44. Clean up the streets of trash, junk, garbage.

45. Fishing in Mexico is good. Please continue to try to enforce your limit policies to keep fishing good. Continue to exclude greedy commercial fishing from wiping out whole schools and species of fish (nets, long lining). These practices wipe out all fishing. That's what happened in the U.S. Don't let it happen in Mexico.

46. We plan to return to Baja Sur in April/May, 1992.

47. All of us enjoyed it immensely! We go at least once a year to the same trailer court and engage the same 22' skiff & capt./guide.

48. I plan to spend May and June and again Oct. and Nov. at my beach house at Posada Conception on Conception Bay. I have many friends and relatives fly down and stay a week. They all get fish licenses and fish two or three days each. I have a 28' skipjack twin V8 engine, a 19' open bow runabout, a 10' aluminum boat plus an inflatable 11' boat.

49. I have, at one time or another, been to almost every free country in the world. I have never enjoyed fishing, camping or visiting a country as much as our past two trips to Mexico. The people are so friendly & helpful, the scenery beautiful, food & drink excellent. My son & I camped south of Puertecito for 12 days & everyone we spoke to, including local law enforcement, was a pleasure. What a great country & wonderful people. Thank you so very much for allowing my son & I to get to know our southern friends!

50. I wish it could be made easier to get all lic. permits ahead of time. Fish lic., launch permit, travel permit, etc.

51. I'm glad I could help. I understand that the foreign commercial fishing licenses in Mexico shall be discontinued. I hope this is true.

52. We have thoroughly loved and enjoyed the pristine beauty of the Coronado Islands areas we have fished over the years even if we never caught a thing and we have always done our best to help protect and preserve that beauty and the plentiful fishing there.

53. Please do something to resolve the confusion concerning what fish are protected. Most people I know who fish in Mexico want to comply with the law but the legal descriptions are a joke. Instead of using common names like "cabrilla" or "grouper", scientific names should be used such as: "species in the genus mycteroperca or the genus epinephelus."

54. Don't go during holidays because there's too many people everywhere. No one seems to speak much English down there (except tourists). Have a nice day.

55. Mexico has some of the finest fishing in the world. Conservation and fisheries management must be implemented and enforced. I hope the Mexican government will seriously try and pursue these matters for both Mexican citizens and tourists. Please stop the Mexican people from harvesting lobster all year round.

56. We fished near Puerto Vallarta which is not on your map.

57. I think the sportfishing trophy fisheries are a crime and should be stopped! These beautiful animals are being slaughtered just to momentarily boost someone's ego.

58. I have enjoyed fishing in Mexican waters for many years and have made many friends there. I hope I can enjoy many more. Sincerely, F.T.

59. Enjoyed the fishing but did not have a direct flight on Mexicana this time. Waste too much time in traveling, no preboarding seat assignment and heard from agent that in October flight will take longer.

60. While I have fished throughout the US & many foreign countries, I only fish now in Baja Mexico. I go to Cabo San Lucas at least twice a year for 3-6 weeks, sometimes staying in hotels & sometimes in my R.V. On almost every visit I have friends & relatives join me there. Cabo San Lucas & area is now my favorite place to vacation.

61. Commercial fishing operations will eventually eliminate or greatly reduce sportfishing activities. Local fishermen very cooperative & knowledgeable. Fished primarily in East Cape area. Would like to see ramp for launching trailerable boats, also improved fueling facilities. Plan to return frequently to Sea of Cortez.

62. The cost of fishing permits & boat registrations are ridiculous!!! Keep a steady, relative cost. Not \$9.50/11.00/19.00/24.00. We might as well stay home and fish!!!

63. I only fish the lakes in Mexico (Obregon and Novillo). Have had problems with "netters".

64. Conservation actions and measures which are taken to preserve the tremendous marine resources, wildlife, and fishing are greatly appreciated and in the best interests of both Mexican nationals and the US tourists/fishermen. The presence of Japanese, Korean, etc. longliners and gill netters especially in Gulf is very disheartening because of the damaging effects that they have on the marine environment. We've seen how they have practically destroyed the yellowtail fishing in LA Bay over the past few years, and the effect of dredging for clams and such has virtually eliminated the totuava in the northern Gulf. It is hard to believe that the government of Mexico truly cares about its marine resources when it allows such irresponsible and indiscrimination of the destruction of its marine wildlife. Surely whatever these gill netters had to pay is nothing compared to the dollars that are generated by Mexico from the anglers and tourists and such who travel to Baja to experience its rich sea life. Please don't make the same mistakes that we have in the US which has had a negative impact on our resources!

65. No, but the cost of vessel license seems excessive for short term. I also thank your people for one of the most impressive trips I can remember. Again thank you!

66. I have lived on my sailing boat since 1987 with my family. We are French. We like fishing very much in the Sea of Cortez.

67. Fishing excellent in the Sea of Cortez--guide terrific on panga--excelled w/gaffe!

68. Would like improved air service from LAX and possibly San Diego to Loreto. Present Aero California night flight to Loreto and early morning return to U.S. is not the most convenient way to go.

69. Too many marlin being brought into marina. Should allow one per person for mounting and any other caught should be released.

70. Thank you for this opportunity to talk about the future of fishing in Baja. The Gulf was once full of sport fish and the dream of fishermen to go there. Even 10 years ago there were many happy fishermen bringing dollars to Baja and your people. They would go home and tell friends about the good fishing and more gringos would bring their money to Mexico. Bahia de Los Angeles is a small village and I talk to a great many of the fishermen who do come to fish. Most of them are not happy with the fishing and many say it will be their last trip to Baja. What do you think they will tell their fishing friends? The fish are what will bring the money to Mexico, again and again, and you are letting the netting destroy what could be a flood of US dollars. The question I hear most is, why is Mexico cutting their own neck. The road was built to bring money to the people of Baja, but tourists who do not fish will go to see it one time. If the fishing is worth their time and money, fishermen and their friends will return many times. I have been going to LA Bay for 22 years and in the last three years the town has started to look like it did before the road was built. To put it clearly, not many fishermen and their money. I have the time to wait and hope a few yellowtail will escape the nets. I am sure this is not the first time you have heard what I have tried to tell you, but please believe me, time is getting short to stop the netting in the Gulf or both the fish and the US dollar will be in short supply. Most fishermen come to Baja for a few days to a week. If the fish aren't there, they can't catch them and many will take their money some place else next time. Thank you once again. R.D.

71. I have fished in Baja California, mostly in the Gulf, since I was a child. My grandfather has been fishing here since the 1940's. Our family has seen the quality of fishing diminish drastically in the last 10 years. Commercial fishing by foreign governments (Japan, Korea, etc.) have no regard for the fishing resource, Mexican law or the people. I urge you to expel these people to save your resource. Additionally, many fishermen from Guaymas come into the Gulf and fish without any consideration for the future. I have personally seen pangas from Guaymas with so many fish on board that they can hardly move through the water. Further, these fishermen have reduced Bahia de Los Angeles, as well as most of the upper Gulf, to very poor fishery. I used to make 4-5 trips a year to L.A. Bay and the upper Gulf. However, the fishing has become so poor that I now go to Mulege only once a year because of the long drive. I would continue to fish in the upper Gulf if the fishing returned to what it was 10 years ago. However, the commercial netting of game fish and bait makes fishing here almost worthless. As of this time, I would rather go on a charter boat out of San Diego than drive to Bahia de Los Angeles. The fishing is the same, I don't have to drive for two days, and it can be done on a weekend. Please start to control the Guaymas commercial fishing industry! They are starting to drive away the sport fishermen who put a lot more money into your economy per pound of fish caught. Thank you.

72. We were stopped by the police in Ensenada for no reason and had to pay \$25.00 "fine" to go on our way. The "fruit inspection" check point at the 28th parallel by Guerrero Negro made us give them cold beer so we could continue our trip. We have decided not to return to Baja until the government of Baja has stopped the harassment of tourists!!! We spent well over \$1000.00 to take this fishing trip and had planned for two years. Everything but the harassment by the police was wonderful.

73. I love Baja and the people in the Loreto area. I go 4 to 6 months per year to that area. I am uncomfortable because I bring home 3 to 4 dozen pint jars of canned fish. I bring home approximately 8 meals for 2 people of frozen fish. Those fish in my trailer and truck don't fit Mexican fish transportation laws. I could conceivably be arrested for said fish.

74. Just have lots of fun.

75. Have always enjoyed my many trips to Baja. Hope it never changes.

76. There seems to be a lot of confusion as to what the fishing laws for non Mexican visitors are in Baja. Most of us would like to get some official information about the applicable laws so we can be sure to follow them. The fact that they change several times a year doesn't help.

77. I enjoy fishing very much in Mexico and enjoy the people as well. Baja is a beautiful place. When I retire, I hope to spend more time there.

78. Spearfishing with scuba should be allowed since this is good resource management. Only fish which will be eaten are taken. If spearfishing is not allowed with scuba I will visit Mexico less!

79. I like to go camping in Baja and fish only for food while I am there. No fish is taken unless we need it for food. Major problems exist in the world's oceans due to net fishing especially from Asian countries. They should be banned from fishing.

80. We just had a good time. I am not much of a fisherman. I just like to go sailing in Mexico.

81. I used to enjoy fishing just south of Puertecito, but after seeing all the nets along the shore and experiencing lousy fishing for the past two years in that area, I don't plan to go back there. I've noticed that repair work on Mex 1 is improving and this keeps my friends and I returning to the great fishing in Baja. If Mex 1 is ever widened to make it safer, then you will see a lot more tourists and fishermen driving south for the Baja experience.

82. The Mexican people of Puerto San Carlos, Puerto Lopez Mateos and Bahia Magdalena were wonderful.

83. Loved my trip.

84. I know persons who do not obtain fishing licenses when they fish from shore in Mexico. They have told me about persons in the fisheries offices in Mexico telling them that they do not need a license if they are not fishing from a boat. I feel that Mexico should require a license and obtain a fee from anyone who fishes in Mexico.

85. Licenses are far too expensive, especially boat license.

86. Is it necessary to buy a license prior to going to Mexico if you are going to fish on a Mexican boat? Doesn't the captain have licenses for the fishermen? Isn't it included in the charter fee?

87. On the trip preceding my last trip I fished areas 9 and 12 stayed for three weeks, spent \$1400, traveled by motor home with trailer boat. Fished marlin five days in June at Cabo. Hooked one fish, line broke at 4 1/2 hours. Fished San Lucas Cove two days. Caught five squid, six bass. I hope to go to Cabo in Sept. P.S. The fishermen I talk to say there are 60 boats fishing with driftnets for swordfish and shark, some within 50 miles of the coast in Mex. The fish is transferred to the boats with licenses and brought into port for export. Swordfish if managed properly can be a sportfish magnet for fishermen from around the world.

88. I am a conscientious angler and only keep what I need, but earlier decision on tuna limits changed my fishing plans this year. I thought two tuna/day with a three day limit ridiculous when purse seiners are devastating them. You should encourage sportfishing. It means a lot more money to your economy than one commercial tuna boat wrapping 50 tons!! How many dollars did these actions bring your economy?

89. Although my most recent trip fishing in Mexico waters did not turn out with a catch, on previous trips over the years my wife and I have had luck in most fish categories. Marlin, bigeye tuna, yellowfin tuna, other tunas, yellowtail, dorado, halibut, white sea bass and many other species. I will have to say that in the past 2 years, there has been a very sharp decline in the fish population.

90. Please send out information to fishermen and put information in newspapers in the states. Have all information at the border when we cross. Don't have us drive 300 miles to a lake and then find out it is closed.

91. Would like to see Mexicans themselves practice more conservation, undersize fish etc., also more wardens to check on Americans keeping too many fish. I have seen terrible abuses through the years. I hear shrimp in the Cortez (San Felipe) gone. I remember tuna slaughtered by the hundreds. They are making a comeback but locals still keep them and sell them. Also panga charges going through the roof. I believe Mexican government "shooting itself in the foot" with higher hunting and fishing fees. Also "mordida" is a pain in the neck, I look at it as "dues" for going to a beautiful place. But you take an average guy from So. Calif. With his family he has to pay a cop or some other person money he will never return. Also he will pass on horror stories to others.

92. While I have tried to answer the questionnaire as best as possible it leaves a large area uncovered, SCUBA DIVERS! I travel to Mexico and Mexican waters on a regular basis, primary for scuba diving with the vast majority of trips being for underwater photography. I write articles on diving in Mexico for several magazines and have produced videos for dive operations in Mexico. I know of a very large and rapidly growing population of divers that travel to Mexican waters to dive and enjoy the marine life without taking game. Perhaps a questionnaire geared towards scuba divers could be of assistance in assessment of programs and needs. I would be happy to assist your department in anyway possible and know of some publications that may be willing to print the questionnaire. Please feel free to contact me if I may be of assistance. [Name, Address, Phone]

93. We will be back, enjoyed our trip very much!

94. Our Mexico vacations have all been wonderful, including fishing time spent at the Sea of Cortez.

95. The time of year we went on our trip was good as far as weather but the only fish biting in our area was pargo. They are a very hard fish to catch. We hooked many but landed few. I personally landed none. It was a very frustrating trip, but someday I will return to land one of these very strong fish. Next trip I would like to be August to catch some dorado and rooster fish also. La Paz is a very beautiful town and a very enjoyable place to visit. The people were friendly and courteous. I will definitely return for another fishing trip.

96. Mexican fishing regulations are not posted in English for both bag and possession limits. Americans are the prime source of sport fishing income in Baja Calif. and BC as such above should be posted in English. This is a confusing situation that needs to be resolved.

97. We are going to fish less in Mexico because we feel we are charged too much for a license and to bring our boat to Mexico. Your country allows the Japanese and your commercial fishermen to plunder the waters and yet you place quotas on sportfishermen. Why should I fly to Loreto for five days, spend over \$1000 to only catch two or three fish per day? Mexico charges as much for their fishing license as does California. In California the money goes to the Fish & Game Dept. to improve fishing. Where does the money go in Mexico. Not only do you charge me a fee to put my boat on your waters (that's ok) but you charge a fee for everyone who gets into the boat (that is not ok). Your roads are in terrible condition. What do you do with the money Mexico makes from the sale of petro. Many of us are of the opinion that we will fish less in Mexico and more in the US because of the perception that the Mexican government is taking advantage of US citizens and if that is the case, we will spend our money in the US. If you have any questions, or want more details please call me. My feelings are shared by about 12-14 other fishermen I know. I would prefer to assist Mexico to make it a better place but the government must demonstrate their desire to improve the situation. [Name, Address, Phone]

98. I basically fish inland freshwater lakes--mostly largemouth bass. Recently (April) caught 11 lb 8 oz bass in Presa Carrizo. Great fishing.

99. I love fishing and vacationing in Baja. I had one unsuccessful trip to Loreto because of nasty wind. But accommodations at hotel were super! The fishermen who we hired tried their best, but weather was lousy. Not their fault! My wife and a friend and I spent two weeks camping in Baja and fishing the sheltered areas in a 12" boat, had a wonderful time. Loved San Lucas Cove and El Requeson in the Bay of Conception. Caught enough fish to feed us very well. The Mexican people we met were very gracious and friendly. I don't like the border towns, feel uneasy. ???? But once away from there love it. Once away from the border the attitude of the people is superb. Love them! Hope to spend much more time in Baja! J.S.

100. In the last 9 months, I have been in Mexico three times. I usually go long range out of San Diego every two or three years. As my most recent trips have been for other purposes with the intention of securing property (which I have recently accomplished) in order to fish more. You will probably find me fishing at least 1 to 2 months a year from either my trailered power boat or a small car topper. My main game fish will not regularly include the mighty bill fish, but will gear more to bottom fish and school fish. My intentions are also to visit most of Mexico by RV over the next few years. I hope this helps you in formulating your plans.

101. My trip was great, plan to come back as soon as I can. Retire in three years, plan to spend part of the winter in Mexico.

102. I have great concern about fish caught within 1-2 miles off shore because of the pumping of sewage down by the Tijuana bowl. Sewage should be controlled in some matter.

103. Boat fees for a week are excessive. No more trips for us.

104. My Spanish speaking friend and I went to the Sea of Cortez mainly to sail my 26' sloop and swim and sight see. We launched at Puertecito and explored your islands. Trolled with no luck. Drop line fished in Willaro Bay and skin dived. Had a nice time but got into strong wind and rough seas. Called MayDay--Help in English and Spanish and got no response (VHF- radio telephone channel 16). Mexico needs a rescue and safety network on Baja side of Sea of Cortez.

105. I have been fishing in Mexico for over 40 years. I have seen many changes in that time, some good, some bad. I believe the net fishing will in time expend most of the fish in the Gulf of Calif. Better game fish management will have to be enforced or in ten years there will be only a small amount of fish left.

106. My family and I have sailed in the Sea of Cortez to experience its vast marine ecosystem. We trailer our boat and spend 1-2 weeks exploring and watching the varied sea life, whales, dolphins, sea-lions, pelicans, etc. We fish or dive for shellfish delicacy for the galley table. We no longer purchase fishing licenses because the cost is greater than we would eat, so we buy fish from local fishermen. We have found this practice to be much more rewarding. Our dollars go directly to the local people who need cash and we are not competing for their (livelihood) income. It also gives us a chance to talk and learn about the local people. I hope Mexico protects its native resources carefully because its tourism will grow in years to come when people realize what a gem the Sea of Cortez is. Keep Japan out of the Sea of Cortez! Ban gill-netting!

107. I believe your fishing licenses and boat licenses are out of hand--too expensive. Only a couple of years ago they were 1/3 the price and what services are we receiving for this??? I see no differences over the past five years. What are we getting for our money? A lot of people are just not buying licenses this year. Your new limits stink. I am all for conservation but to go to Loreto for two dorado, it ain't worth it. I have fished that area for 18 years and I have noticed no lack of dorado. I don't understand. I believe a five fish daily limit on dorado would be much more attractive and fair. What's the plan???

108. Due to the strict limits imposed on the fish allowed to bring home, I am going to discontinue my trips to Mexico, especially when foreign commercial ships are being allowed to rape the Sea of Cortez. Even though fishing is not as good I will spend my money at home in the USA. P.S. I don't see any of those Japs ashore spending any tourism money either!

109. Fishing experience as always was very good. The regulations imposed on commercial fishing appear to be having beneficial effects on the sportfishing. I hope Mexico continues to regulate both foreign and domestic commercial fishing in the interest of promoting tourism and stimulating the economy. New daily catch limits are reasonable although limiting a persons total catch (multiple days) to 3 daily bag limits is somewhat restrictive and may result in shorter trips to Mexico for some anglers. I always try to bring goods to donate or give to the people of Mexico whenever I travel by car on a fishing trip. It is the people of Mexico I enjoy as much as the fishing.

110. Promote sportfishing, stop long liners, control Mexican seiners, and stop foreign seiners.

111. I have enjoyed all my trips to Loreto. I do not mind paying reasonable fishing fees for myself and my boat. Let's keep within reason. The long-liners and gill netters will destroy your fishing industry.

112. Recent regulations not allowing fillets of fish taken back to the US will cause me to cancel trips to Baja. Conservation of fish would be more effective to reduce net-fishing.

113. I congratulate your efforts in conducting this survey. I also want to commend the government of Mexico in establishing limits for various species of fish. I strongly suggest that the government prohibit and enforce a ruling against gill-netting. In May of 1990 while camped at Playa Raphael in zone 13 I witnessed 14 large seiners and draggers fishing for 3 days and 3 nights near Isla San Lorenzo. What could be left after they got through? Unless Mexico takes enforceable action now your fisheries will be depleted like those off California from San Francisco to San Diego. It will be difficult to take the appropriate steps--but you must do it now!

114. The Dept. of Fisheries should either revoke the Japanese commercial fishing licenses or monitor them very closely. It is evident that the Japanese have no respect or regard for fish conservation or remaining fish stocks anywhere in the world. Ultimately, Mexico will suffer far greater economic loss from the lack of tourist dollars and/or domestic commercial fishing then it will gain from continuing to license the Japanese in Mexican territorial waters. P.H.

115. Need more boat ramps--too much of Mexican waters is unreachable to the fishermen who trailer their own boat. Highway 1 is a lot better than it used to be, but could use resurfacing for a smoother ride--could be a little wider in some spots too.

116. While our family fishes in Mexican waters a lot, being in San Diego we prefer to drive down to at least Santa Rosalia when we have the time and extra money. We love the people down there and the fishing is great. We always take our camper and stay at the smaller fish camps. We were dismayed when we learned that your government increased the keeping fish limits after they had been reduced down to a very reasonable quantity. You should put them back where they were. The people complaining are only worried about how much money they will make next year. They don't care if there is nothing left to fish for 10 years from now. Our younger daughter loves it in Mexico and we want her to be able to enjoy the fishing for her lifetime and her children's lifetimes. We may be only one family but we care about Mexico as a whole. Not by how much money we can make off of it.

117. Just hope fishing license fees won't go up any time soon.

118. I have been going to Baja to fish and camp for over 20 years. We have never had a bad experience. We have always been treated with courtesy and respect by all Mexicans with which we came in contact--officials, business people and general population. We love Baja and wish we could spend more time with you all. In return we have never forgotten we are guests in your country. The fishing is good and campsites are comfortable. All of our visits are between San Felipe and Bahia Conception. I go on boat trips to Guadalupe Island, San Martin Island, San Benitos and other offshore islands. Thank you for your hospitality.

119. Add to the questionnaire questions about private airplanes. There are a lot of us who fly down and fish! Drop the \$65.00 fee for immigration for general aviation!!!

120. Fishing in Mexico is great fun and very relaxing--the people are fantastic. Gasoline supplies at port facilities are sometimes limited and keep people away. The ladies at your San Diego office are fantastic--they have been of great help on many occasions with fishing licenses and boat permits. Viva Baja.

121. I have many friends who would like to fish with me but don't because they can only make it once or twice a year. A one day permit would allow them more opportunity to fish with me.

122. License fees for children should be addressed!

123. Because of netting and commercial fishing, fishing in Baja is deteriorating quickly! Because there have not been any controls.

124. I did not go on any guided fishing trips in the past year. However, I usually go on one ten day long range and numerous one day trips into Mex. waters. Due to the new fishing regulations (limits) I will not go on another long range trip. Instead I will make more frequent trips with my own boat. I only keep what myself and family can eat. If the new regulations were made to discourage tourist from fishing your waters they will work. If the new regulations were made to conserve your fish or to protect their existence then these regulations won't work. It is the commercial net fishermen that rape the ocean with no regard for limits or species taken. I have seen protected fish in the fish markets in both El Gulfo and San Felipe.

125. We have always liked fishing in zones 11 and 12 with the local panga skippers. It would be good to have an established fish limit per day. We catch and release only keeping a few to eat. But we never know what the real limits are when asked by fellow anglers. Thanks.

126. I am a sportsman and concerned about maintaining the quality of fishing in all our oceans. I do not appreciate any government be it foreign or my own who allows indiscriminant killing of sea life. Commercial fishing should be restricted to hook and line.

127. Yes. This is my first long range trip to fish Mexican waters. Normally I either fly or drive to Mexico (Baja) and spend substantial amounts of money in Mexico. Since the questionnaire only asked for my most recent trip the questions were answered as asked but don't reflect my actual Mexico fishing.

128. Fishing is not the primary reason we go to Mexico. We go for sightseeing, relaxation and to meet new people and learn about a different culture.

129. If this questionnaire results in more fees and increased costs--then you will price me out of visiting Mexico in the future.

130. The sport fishing bag limits are far to small. If these small limits should start being enforced you will see a sharp decrease of US fishermen going to Baja. Small limits on surface fish (marlin, dorado, etc.) are OK but bottom fish should have a large possession limit so fishermen can take enough fish home to make the long trip worthwhile. We buy fishing licenses, boat permits and travel long distances to be allowed to take enough fish to hurt the fish resources. The commercial fishermen with nets and 100 hook lines are what we need to put limits on. They are destroying the fishery in our beloved Baja.

131. Just the rip off from the cops. I've fished Baja every year for the past fourteen years. Every other year I fly. R.W.L.

132. I love sportfishing in Mexico. Conserve the resources and people will continue to come and enjoy your beautiful country. Don't let excessive commercial fishing ruin it for future generations. Thank you.

133. Please keep the gillnetters out of your waters! It's a waste of marine life. Thank you!

134. The road is too narrow! All 1000 miles! My picture with 46 lb dorado was taken in Cabo San Lucas for \$14.00. They still have the picture. I left before they could deliver it to me. They have my address but didn't send it! The taxidermist representative in Cabo Covarrubias, should have given us a better quote on price of mounting fish and delivery of same--\$433 quote--it's now over \$600. P.S. (Tell him to send my \$14 picture). Everything else was "bueno." Great guide Mario Castro--Cabo San Lucas!

135. Baja fishing was great--catching a 100 lb sailfish made the trip perfect--including the beautiful eclipse and friendly people.

136. In general I would like to see regulations on fish limits be enforced at commercial and sport levels. The Sea of Cortez and the Pacific are not limitless in the amount of fish they contain. I have noticed a decline in yellowtail at Bahia de Los Angeles in the last eight years. Please enforce limits so my kids can have the thrill of catching a 40 pound yellowtail.

137. Trip was one that I will forever remember, not only because of the fishing but also the eclipse!! The only negative was the condition of the Mex Hwy 1. In certain areas it was as rough as a cob.

138. We usually fish the Coronado Islands--we often anchor and stay overnight so that we fish 2 days. We enjoy the fishing at the Coronados and in years past have fished there most weekends from March through mid Oct.

139. My friends and myself all enjoy sportfishing in Mexico and we all paid a lot of money on our most recent trip to Loreto. We all agree that fishing limits should be raised for sportfishermen because if they are not we feel that eventually a lot of sportfishermen are not going to spend money for a trip to Mexico. This would really hurt the economy of the towns in Mexico that are solely dependent on sportfishermen. I feel that the large fishing boats from different countries that come in and take tons of fish at a time are the ones that need to be gotten rid of, because they do nothing for towns that depend on sportfishermen who come there to fish and also spend money on other things, food, souvenirs, etc.

140. Fishing licenses should be available at more places in So. California. Fishing regulations should be posted at hotels and resorts in Mexico.

141. In the last five years boat license, fishing license and the insurance have increased excessively. This year I was in Mexico on fishing trips three times for a total of 28 days. Cost: boat license \$20, fishing license \$24, insurance \$440--total \$484/28 days = \$17.30 a day. I think the fees are getting excessive which diminishes my desire to fish in Mexico.

142. We have been fishing in Mexico for roughly 25 years, Keno, San Carlos around the Baja. We enjoy it very much, and have been treated very good by the people (except for the Pemex stations who feel they have to rip you off). We don't usually catch that many fish but the trip is always enjoyable. My wife will retire in about a year and we envision spending several months a year in Mexico. I retired after 32 years with the New Mexico Game & Fish Dept. and I feel Mexico could do a better job of policing its fisheries. Thanks for the many enjoyable times we have spent in your country.

143. Recently the rules have been changed for fishing in Mexico. I have heard rumors but nothing official. It is my understanding that electric reels are no longer permitted which I disagree with. I have had two heart attacks and started using the electric reel as a result of these heart attacks for deep water rockfishing. I believe the law should be changed back. The net boats take far more fish and it seems no one wants to do anything about that. Thank you.

144. We did not fish as much as we had hoped. Most enjoyable trip however.

145. I will not give you financial info as I consider this my personal and confidential information.

146. I hope that Mexico continues your conservation measures to protect the fishing areas vital to sportfishing interests. Your country now provides the best fishing available to anglers in the U.S.A. and other countries. I hope and pray that your commercial interests don't destroy your fisheries like the shrimp fisheries out of San Felipe. I understand that the survival of several towns and cities in Baja are due to your great sportfishing interests! Please protect this most vital part of your country. I enjoy coming to your country and enjoy your culture and people. Thanks for the many wonderful times I've had in Mexico due to your fabulous fishing grounds. Please protect what you have and we'll continue to come.

147. Protect your waters from commercial fishing--they will ruin forever the reason that sportsmen travel to Mexico. Try not to overprice everything that fishermen require to visit Mexico, because the reasonable rates make fishing in Mexico "worth-while" especially for families with moderate incomes.

148. Please continue to make it convenient and affordable to fish in Mexico by private small boat owners (under 22 foot boats). Gasoline and road conditions could be improved. Please protect your fishing resource. Especially regulate commercial and long range sports fishing fleets from San Diego. Prohibit the use of gill nets, long line nets and similar devices. Thank you for asking me to fill out this form.

149. Have own boat & license for three. Licensed for Mexico for two years now--however, haven't taken boat yet. Plan to soon.

150. Mexican fishing lic. are too expensive, please keep commercial fishing boats out of the Sea of Cortez. If the sportfishing declines so will Baja economy. Very poor launch ramps for boat, especially Loreto.

151. I would like to see the prices of fishing/boat license return to normal. People (including myself) will only fish and visit Mexico as long as there is an economical advantage. Once this is lost other countries (Central America) will be visited. "No maten la gallina que pone los huevos de oro."

152. We have always found the people of Baja warm and friendly. Highway 1 could be widened to make driving safer. We were glad to see the Pemex Station as you enter San Quintin closed. They have for many years attempted to cheat foreign drivers like us.

153. I would like the people in San Diego at the Dept. of Fisheries to be a little more friendly. They made me feel very uncomfortable. I would like to understand the fishing regulations a little better. The people of Loreto and Penasco were very friendly to myself and my son. I really enjoy coming to Mexico. I am learning Spanish to communicate better. I have heard a lot of bad stories about Mexico but have found them to be false. I plan on coming to Mexico as often as possible. Yours truly, J.S.

154. Enjoyed the fishing trip, but if Mexico wants more tourists they should work on their roads instead of spending money sending out such extensive questionnaires.

155. Mexico (Baja Calif.) has been my place to escape from the frenetic life in Southern California, USA. I enjoy its lack of population and the beauty of its coast and desert and am especially interested in its ancient Indian and mission history. I am not an avid fisherman but fish when I want some to eat.

156. I bought a one year license because I plan to fish in Mexico several times a year. But sportfishers in Ensenada and San Diego won't discount my boat ticket when I present my Mexican license.

157. 1) Fix Highway 1. 2) We need more trailerable boat launch ramps up and down both sides of Baja. 3) Most gas station attendants try to rip off the tourists for a few dollars by changing the exchange rate.

158. None. Thank you for your interest.

159. Almost impossible to get information on roads in Baja, specifically other than Hwy 1. I wanted to camp below Puertecito but could not determine road condition. I called the Mexican travel info (Baja info?) office (here in LA?) but they couldn't tell me.

160. I love Mexico. Fishing is incidental. I wish you would stop the foreign exploitations of the Sea of Cortez. Mexican companies only please.

161. We camped by a fishing "preserve" and the snorkeling was wonderful. We enjoyed the snorkeling a lot more than fishing!

162. Phoney over-weight charges on airline--domestic flights.

163. All of my fishing trips to Mexico have been very enjoyable.

164. I enjoy visiting Mexico. The people we meet are very friendly and helpful. I enjoy fishing a lot. The places we go seem to have quite a number of different kinds of fish to fish for. Myself and the people I take with me to Mexico feel it is better to photograph and release our fish rather than keep them. That way they will be here the next year to enjoy again.

165. I think it's great that you are surveying U.S. anglers. You need to get a handle on the U.S. sport catch if you want to manage your fisheries. You need to get a good handle on subsistence catch and commercial catch by Mexicans in Mexico. Sadly fishing commercially in Mexico has resulted in over fishing, with little or no management or closures. In particular, lobsters have been hit hard along the NW coast to Baja. You need to impose a size limit and enforce it at the distributor level with spot checks at the local level. You should lose certain species to fishing, for example black sea bass. If you have certain locations frequented by U.S. sport anglers and you want to encourage their business, restrict certain gear types (ex. gillnets) from the main use areas.

166. Went to exclusively Keno Bay. Natives really nice. Only problem--mosquitoes.

167. For some reason the fishing license seems to go up quite a bit each year. By the time I buy a yearly license for my family, it is almost cheaper to go to the fish market.

168. On my last three trips to Los Cabos I have noticed a drop in the amount of fish caught. I have also seen numerous commercial fishing boats "trawlers" fishing within five miles from the shore line. I have met and spoken to other sport fishermen who also have experienced poor fishing in the Los Cabos area. Another area where fishing has decreased is around the Coronado Islands. Most fish caught are undersize and are thrown back. I support your Department on putting limits on the fish caught by sport fishermen.

169. Normally we make a yearly trip to Loreto--towing our 22' boat. We hire a skipper (a local) to pilot our boat. We usually spend \$2,000 in our vacation. Local fishermen on Loreto depend on tourism for their income. Please try to protect their livelihood by stopping foreign "longliners" off the mouth of the Sea of Cortez. We truly enjoy Mexico--its people and its fishing area. Please keep them in a condition that will allow the Mexican people to earn a living. We appreciate your concern--the sportfishermen will help Mexico survive but foreign ships will rape your oceans and leave you with a devastated economy.

170. My two trips to Mexico have been two of the best vacations I have had. The people have been just great! The fishing has been great, I hope it is able to stay that way. We do enjoy the Gulf side more than the Pacific side. Hope to visit Mexico next year. Thanks. D.B.

171. We hear so many horror stories about the poor treatment of Americans by the local police we are afraid to bring our car, boat and trailer into Mexico. If there was a more consistent law enforcement policy, I and many others that I work with would like to come and spend time and money in your country. We are law abiding and would appreciate a Baja that was available to us. Thank you for asking for my concerns.

172. My family retired (parent & brother) and moved to San Felipe. My wife and I are building a home in Puertecito and plan to retire in Todos Santos, Baja. We love Baja. Is there any way we can be adopted by Mexico?

173. KEEP THE JAPANESE NET FISHERMEN OUT OF THE GULF!!!!

174. I just started fishing in Mexican water. Bought license two months ago. Sure hope this info will help. Sorry I couldn't be more effective in your survey.

175. 1) I liked fishing in Mexico very much and I would like to go back again. 2) If you consider changing the licensing or fee policy I suggest: a) one kind of fishing license, whether fishing from shore or boat, b) charge a higher fee for U.S. people bringing their boat to Mexico for fishing (how much depends on type of boat), c) make a special license (surcharge) for people trying to catch a "premium" fish--like marlin.

176. Fuel is a hassle.

177. I have enjoyed fishing in Mexico's waters and the trips to Mexico.

178. Beautiful country, beautiful people--make every effort to conserve your environment. The short sighted rape of some resources (fish, shrimp etc.) for short term profit would be a real mistake.

179. We have made many trips to Mexico. We love to go there and have had many positive experiences. We realize that we are in a foreign country, we respect Mexican laws and Mexican people. However we always experience one problem when camping in Mexico. We drive our camper, boat and trailer down and travel for two days. So we buy insurance for two days. We park on a remote beach for seven days and then we go drive back. We don't need the camper and truck insured while we're camping, and there is often no place to buy insurance near where we camp. We'd like to have it on the way back, since we understand that if we got in an accident we would go to jail and lose all our equipment. But they won't let us buy it that way initially. So we take a chance. It's usually about \$50 for two days insurance, and of course we won't spend that money for the days we're sitting on the beach. But we would spend it for the travel time coming back if it could be arranged. I think that Mexican insurers lose a lot of business by not insuring for non-consecutive days.

180. I have one complaint while fishing at Isla Cerralvo. On our first day out there was a longliner equipped with a helicopter no more than five miles from where we were fishing. It was dropping its nets while the helicopter hovered right over us. The next day we went out there were a lot less fish in the area. I hope I never see one of these boats. It's really a shame nobody cracks down on this. I love the fishing in Mexico and will continue in the future. Thank you. P.S. This boat was no more than 20 miles from shore.

181. Bitching trip! Be back next year amigo.

182. No, other than the fishing in Mexico when I have gone has been very good. Not so good the Coronado Islands this year, but then fishing is off everywhere this year.

183. I like Mexico and plan to make many more trips. My uncle has written books on Mexico. He is [Name] and I have made trips with him as well. I do not like the high toll cost to take trips on Mex 1 from T.J. to Ensenada. Most of my fishing is trolling while sailing.

184. The residents of Baja in both places we fished (Bahia De Los Angeles and Ejido Erendira/Castro's Fishing Place) were first rate in every way. They dealt with me and a friend of mine who went fishing with me in an honest, courteous, helpful manner. They really earned our respect and hopefully we earned theirs. Here's a good example: I broke my newly purchased salt water rod trying to free my rigging from the bottom while fishing the Bay of Los Angeles. The guide insisted I use his rod while he fished with the broken stud of my rod (we rented a panga thru Casa Ruiz). When we stopped off at Castro's on our way back up, George--I guess he's the foreman--let me borrow one of his own custom hand-made rods during the two days I fished there at no charge. Both places have earned my return business.

185. I have been fishing in Mexico most of my life and have enjoyed the Mexican people and environment very much. I have done my best in protecting the environment by not polluting and taking only enough fish for an occasional dinner. I am very disturbed at the way the Mexican government has allowed gillnets, drag boats, and long liners to rape the fishing grounds in the vicinity of the Coronado Islands. This year Mexican licenses cost me \$125 for me and my wife and a small sailboat. We caught no fish and observed a shrimper dragging the area where there used to be many fish. I cannot afford to pay \$125 and not catch any fish.

186. Yes, we experienced truck problems right out of Guaymas and had to sit beside the road in the desert for "7 hours" before we could get a tow back to Guaymas. We had a new motor installed at the Guaymas Ford Automotive Shop. After returning to the United States, we experienced problems with the new motor. I spent another \$800 to try and fix the new motor. The Ford dealership in the United States said they could not honor the warranty on the motor since it was made and replaced in Mexico. So now I have a new motor that does not work properly.

187. You should not require a license for non-fishing crew on boats or make transferable. I have been boarded in Mexico and they were very professional.

188. Excellent questionnaire--detected no bias. I went on 5 day fishing travel package in 8-91. Spent \$500 at Spa Buena Vista. We spent 2 weeks at our timesharing in May 91. Spent \$1500 (excludes lodging). Took 3 friends who spent equal amount. We spent 1 week in January 1991 at our time share. Spent \$1800 excluding lodging. This last trip is with friends who have timeshare at same club. We enjoy Cabo San Lucas--close, good weather, and cheaper than Hawaii. And the fishing is better!! I expect to return twice a year!

189. Would like to see some good boat launching ramps in Baja. Especially in San Quintin, Mulege and San Felipe.

190. Any conservation efforts on the part of the Mexican government, local citizens are greatly appreciated, yet more needs to be done. The area I dive in Mexico, La Bufadora, is getting seriously over fished. Many species previously seen are gone, the kelp beds are depleted, sea urchins are overrunning the place and sewage outfall is seriously harming the ocean resources.

191. Except for one 3 day trip to Loreto, most all of my fishing in Mexico has been done on long range boats from San Diego. The fishing is always great and the people respect Mexican waters to a great degree. We are careful not to dump line or cans or plastic into the water. Strict enforcement of further reductions on limits of numbers of fish could bring long range fishing to a stop. Catching and releasing is common and none of what is kept goes to waste. Commercial fishing takes more tuna than sportsfishing ever will. If you must impose limits, please limit commercial fishing instead of sportsfishing.

192. I hunted in Mexico until this year. Prices are way too high. Fishing is still affordable and I plan to continue fishing. We have a trip planned for Christmas.

193. I think gas stations should be watched more carefully for attendants trying to cheat Americans.

194. Treated warmly when I went to purchase license for my boat at Laurel Street office in San Diego.

195. As in all questionnaires, not quite as exact or specific as I feel could have been. I see where you are aiming, however vague it is.

196. No, but would like to have caught some fish.

197. I love Baja. I'll keep going until it becomes too developed.

198. I was very satisfied with the time spent in Bahia de Los Angeles but didn't like the road condition traveling to area. We had no problems with acquiring gasoline and the people were pleasant.

199. I spend up to 20 days at a time fishing in Mexican waters several times a year. The new limitations on numbers of fish being taken does not allow a reasonable amount for longer trips. When I spend over \$1000 on a fishing trip and cannot keep over 15 fish, it is not an enjoyable situation. This regulation needs to be modified or I will not continue spending the majority of my vacation time and money in Mexico.

200. Sport fishing has deteriorated in Mexico over the years in my opinion, mainly due to the increase in the number of purse-seiners. They clean out all the reefs and fishing holes close in and even come into the harbors and anchorages. They have cleaned out much of the bait and fish, such as red snapper, grouper, sierra mackerel, sea trout and other fish which are important to those of us with small boats that must fish close in. We fish now in Mexico because we enjoy your people and your country, not because we expect good fishing. Of course, we hope that we will be lucky enough to be in Mexico fishing when the yellowtail or dorado and other deep sea type fish are running inshore. I have talked with many other people who fish Mexico and they feel as I do in regard to the seiners' activity.

201. Poor or no public launch ramps. I would like to see a Mexican fishing reg. pamphlet.

202. The most pleasant fishing place in the world. We plan another trip soon. Health problems have interfered this year.

203. I had a very bad experience which scared me very much in Punta Chivato B.C, in which my R.V. (motorhome) was robbed. I have limited my trips to only one trip per year since that happened.  
[Name]

204. Congratulations! You are way ahead of "Estados Unidos" Fish & Game! I fish Mexico by small plane. Love the Cortez. Get rid of the net boats!

205. It appeared to me that many fisher persons and boat crews did not observe the limits on the various fish. Perhaps more information on this would help plus some enforcement activity. If this isn't controlled, the fish population will be reduced and the number of fisher persons and in turn financial value/income to Mexico will suffer.

206. My father & I had a very nice time. We were pleased with every part of the trip. We intend to return at least one time in 1991. We were impressed that every day we were driving we saw at least one "green angel".

207. Us little gumps in private boats should be left alone. It's the big sport boats that rape your fisheries. I know for a fact that they are not abiding by your lowered daily limits! Licenses should be less for kids under 16!

208. Unfortunately last trip was to Coronado Island. Prior trips to Loreto were great and perhaps more applicable to this questionnaire. Plan future trip to La Paz this summer. Greatly enjoy the people & the fishing in Mexico.

209. Boat permits of Mexico and Mexican fishing license fees are much too high. They should be less money to encourage tourism. The tourist spend lots of money in Mexico and the fishermen make up part of this money. In turn the Fisheries Dept. of Mexico puts high fees and unrealistic limits on the number of fish caught. The local Mexican fishermen catch illegal species including turtles and the U.S. fisherman can only take 2 tuna for example a day. NOT FAIR!

210. It seems the quality of fishing is going down each year I go to Mexico. Less fish and smaller fish are caught each time. The price of a fishing license has more than tripled in the last few years. I think more time and money should be spent to enhance the fish habitat. Stricter limits on size and quantity of fish. Stop the use of gill nets by commercial fishermen.

211. Yes. When I have gone fishing out of Ensenada on an Mexican sport boat, the crew would get very mad when I would throw under sized fish back. The Mexican gov needs to enforce the size limit of fish. This is a ongoing problem. I have gone out on 3 boats and all of them caught under size bass and barracuda. Some of the barracuda were only 10 inches long, less than 1/2 size limit in USA. If the Mexican gov will not watch over the fishing fleet in Ensenada, the fishing will die off. Thanks, hope you will look into this. Have a Merry Christmas.

212. On my middle trip this year I surf-fished and therefore bought a Mexican fish license. The other two trips were chartered "panga" with guide. The guide (Mexican) said he provided the license. Is this true? Location of "panga" charter was La Pinta Hotel in Loreto.

213. I'm sure you are aware of the emigration charges that are placed (or charged) on people that fly to Mexico for fishing, visiting, etc. on the weekends. The Emigration Dept. claims it is for overtime. But there is no charge if I drive or walk into the country. I know pilots with families and friends who are now refusing to spend anytime on the weekends in Mexico. I know this has nothing to do with your Dept but it will have an impact on the fishing industry in certain areas in Baja.

214. I think the annual fee for fishing for a boat is very expensive for those who use the license only a couple of times each year.

215. I think the recent limits on fish limits is unfair & unjust for the amount of tourism me and all of my friends create with all of our many trips across the border. We don't abuse the rules but new regulations may make us limit our trips and go to Alaska, Costa Rica, New Zealand, Australia & long range trips from San Diego. We spend a lot of money in Baja California. I know of 100 or more friends I fish with or meet in Mexico--Baja.

216. Returning from L.A. Bay the pot holes in the road were terrible. I had 2 blow outs.

217. In Nov 1990, trailered a skiff with motor home to Cabo San Lucas. R.V. parks in La Paz & Cabo were very good. Highway was fair. Availability of fuel was fair. Condition of small boat ramp at Cabo was very poor. Fish parts & slime prevented traction.

218. More fishing facilities/equipment operators along the coast.

219. We appreciate the privilege of visiting & fishing in Mexico. Please do not succumb to political pressure. Do not allow gill nets, especially in the Gulf of California. If left unchecked they will destroy the fisheries of Mexico as they have the U.S. fisheries.

220. To me too much there seems commercial exploitation of the fish & shell fish with the many nets & long lines. Catching a nice fish is getting harder to do from a small boat.

221. We wish to thank Mexico for allowing us to fish your waters.

222. I look forward to more fishing trips to Mexico.

223. Fishing was great!! Mex 1 needs some improvement though!

224. Enjoy fishing Mexico. Find the people extremely helpful and very friendly. I feel that some work should be done on the Highway (Mexico). Some places are in extremely bad shape.

225. Conservation must be highest priority, great loss of fishing in past 10 yrs. I have fished from Cabo to Cancun.

226. Wonderful!

227. The recent increases of boat and individual license fees are making fishing in Mexico less attractive.

228. Would enjoy a non-fluctuating, reasonable license fee for boat & individual. A greater degree of indulgence when fishing licenses are lost or destroyed.

229. The Pemex station in San Quintin tried to cheat us twice on this trip.

230. The questionnaire was thorough. I would like to see a reduced license for fishermen that only go out for less than 10 times a year. The cost of \$24 for just a few days is too much.

231. I have been fishing in the Sea of Cortez for 13 yrs. The fishing is decreasing at an alarming rate. We need to go further out into the sea and stay longer.

232. Thank you for your commitment to preserving your tremendous natural resource from over fishing by foreign boats. I hope that my grandchildren can enjoy your beautiful country like my son and I have.

233. 1) Keep out the gill nets and long lines! 2) Stop shrimp fishing in the upper Gulf. 3) No commercial fishing by purse seiners in the Gulf.

234. Everything was very nice.

235. By far the vast majority of my fellow tourists were in Mexico to fish. Most would probably not have been there if the fishing were not good. These people spent a good deal of money not only fishing but also on food, lodging and transportation. In other words they played a key part in your economy. The people of Mexico need to consider this very carefully before they allow the Japanese to rape the Sea of Cortez. Mexico has often chosen the quick money over long term considerations. If the fishing in Mexico declines, don't be surprised if tourist dollars do.

236. Mexico has, in Baja, one of the highest quality sea coasts and sea fisheries in the world. Baja is a remarkable tourism resource. Both tourists and residents, particularly local fishermen, are degrading quality very rapidly. Policies and investments need to be made now to reverse the damages and to ensure users pay enough, particularly in terms of environmental care, to sustain Baja's high quality environment.

237. Fishing was poor, no fish.

238. I would like to venture further south on the Baja Peninsula if better facilities and fuel were available.

239. Please encourage catch-and-release. Discourage further commercial fishing. Preserve this great resource. Enforce realistic limits. I see gross violations. Sell licenses & boat permits at sporting good stores.

240. I have been never seen the fishing as poor as it has been in 1991.

241. We visit the Punta Banda area 2 or 3 weekends per year. We try to visit the Mulege area once a year for total time of about 10 days (including 3 days on the road). We have also been in San Carlos/Guaymas once and Cozumel once. Need more Pemex stations and unleaded gas. Thank you--We really enjoy scuba diving in Mexico.

242. About 4 times a year I take friends & relatives to the Coronados to fish--1 day trips, 2, 3 or 4 people on my own boat. Twice a year 3 friends and I fly to San Jose del Cabo and fish Cabo San Lucas or Punta Colorada for a week. Mainly dorado or marlin. Good luck!

243. Please ban Japan long liners from Mexico waters. Gill netters also. Fishing very poor due to those influences. Thank you.  
[Name, Address]

244. I primarily enjoy surf fishing in the Pacific and the Sea of Cortez. On my most recent trip (Nov 91) not only was the quality of fish down but the quantity was way down. Reefs I had fished and dove 3 yrs ago were now basically barren with few fish. Even the small (1"-3") reef fish numbers were way down. On every beach I walked in Nov 91 I found discarded pieces of mono gill nets. On one occasion at Muertos Bay, fish started breaking in front of me (serria). By the time I had landed two, a panga had come up and circled the sport with a net. This has happened to me before. I have been coming to Baja for 30 yrs and I will continue to do so. I feel safer camping in lower Baja than I do in the U.S. You have a beautiful country and I hope it remains so.

245. Enjoyed our fishing very much!

246. 1) Stop foreign commercial fishing in Mexico! 2) Restrict Mexican commercial fishing to boats under 100! 3) Study the resource--establish strict limits for both commercial and sport fishing. 4) Limit maximum sport fishing possession limit to two times daily bag limit. 5) Outlaw dredging and gillnetting. 6) Prohibit foreign sportfishing in the Sea of Cortez. 7) Simplify fishing licenses and make them readily available. We would gladly pay \$10/wk or \$25/year if we could get these quickly in S.D., Tijuana and Ensenada. 8) Stop over-harvesting of sea urchins, sea cucumbers, etc. 9) Create and enforce good safety regulation for Mexican divers. 10) Preserve Punta La Ginza and coast for 10 miles north and all offshore island at Bahia de L.A. as a National Park.

247. The Salinas gov't doesn't seem to be doing a great deal to foster tourism in Mexico. There is definitely a friendlier atmosphere. Many improvements have been made in Loreto. The people are great--helpful and friendly. Customs still seem to change constantly but once one catches on, the new way of doing things is fine. Now if you could only find a way to make the days last longer in Loreto--they go by very fast.

248. Highway 1 (the Baja Highway) needs: 1) Widening--it is too narrow with no shoulders. 2) Fill the holes better. 3) I was not asked for Mordida on this trip--This is very good as "requests turn me away from Mexico". 4) Make the Sea of Cortez a commercial-free zone (no fishing). Save the sport fishing & save tourism!

249. We were in Mexico when 1st questionnaire received.
250. All trips were enjoyable. Some trips were not productive.
251. We would like to see improvement in the government owned hotels, better service, at least equal to the privately owned hotels. We no longer stay at these hotels because of the service and the price. The government hotels on the highway to Mulege are two to four times higher priced than the local hotels and motels. All of their prices, food, fuel and lodging are as expensive as U.S.A. pricing. We feel this is unjustified since the hotel does not pay its employees U.S.A. wages.
252. In recent years I've only fished in fresh water lakes. I find it very appalling & unbelievable that Mexican authorities can't or won't put a stop to illegal netting of fish by Mexican nationals. It really depleted the fish population rapidly. Lake Novillo & Angostura.
253. My life has been enhanced by the friends and acquaintances and experienced I've enjoyed in Mexico. Thank you and your countrymen for making it so fantastica! Thank you too for memories of good times and casual hours with family and friends.
254. Fishing was incidental to our cruise. If we had not been required to purchase fishing licenses, we would not have fished.
255. Fishing permit fees are a little too high. I think I agree with the limit on billfish (1 per boat per day I believe) but disagree with the two fish limit. I think the limit for tuna, dorado, and yellowtail should be five fish per day with 3 day max limit in possession--and cabrilla should be allowed to be taken by non-Mexican citizens or at least should be distinguished from other bass fish which are currently called cabrilla and in fact are not. Thank you. I also am in favor of fishing permits being current for 1 year from the day of purchase.
256. We bought fishing license for 2 people for 1 year and license for our sailboat and for each of 2 dinghies because it was a requirement. We have not fished on the trip so far. We may later but possibly we will not. We are not returning to our home in the U.S. for some time. Will go to the South Pacific from Mexico.
257. I enjoyed fishing in Mexico even when I don't catch fish.
258. We live and cruise on our sailboat (kept at San Carlos Sonora) in the Sea of Cortez between Santa Rosalia & La Paz, BCS, about 3 months every winter season. Any fishing we do is only 1 or 2 fish--which are eaten at the next meal.

259. We did not take a "fishing trip" to Mexico in 1991-92. We are traveling thru Mexico as part of a world cruise on a sail boat. Do fish. All fish caught are eaten if possible. We do not consider ourselves sports fishermen.

260. Road conditions were very bad. Too many pot holes that should be repaired.

261. This has been the 10th year of fishing at Cabo San Lucas in the fall months. I take my own motor home and boat for 10 days to the Cape during Sept, Oct or November each year. I also fly down and stay at a hotel for 4-5 days 2 times a year, March, July and sometimes the end of November. I generally go to San Felipe for a weekend and also to Ensenada and fish from shore. I have a larger boat moored in San Diego and I fish once a week during the late spring and summer months. If the tuna, yellowtail, halibut, white sea bass are at the Coronado Islands or as far south as 45 miles, I will target them. If the same species are in U.S. waters, I will fish them on this side of the border if they are biting as well.

262. I went to Cabo in 1969, not many people, and have watched it grow. My first trip was in 1957 to Punta Loreto in Baja. Great fishing in those days. Cabo is almost fished out due to the influx in people & hotel boats--but it's still ok.

263. We are presently cruising Mexico in our 48' sailboat. We have very much enjoyed Mexico and the people we have met, especially away from the big cities.

264. Love fishing in Mexico. We drive down at least once a year to fish Sea of Cortez/Cabo. The most disturbing aspect is the harassment that the 'policia' initiate especially in Tijuana & Ensenada (Mordida) towards American drivers. This needs to be addressed seriously because tourism is the lifeline of Baja & many of my friends/associates won't drive in Mexico for this one reason. Fortunately I speak fluent Spanish and don't get into serious legal problems in these cities but I've been stopped on several occasions for doing what everyone else does. Unfortunately there seem to be two sets of policia laws, one for the Mexicans and one for the Americans. Abolishing this action will also eliminate the bad perception many Americans have about traveling in Mexico. This increases tourism & revenue. Your questions/replies are invited & welcomed. [Name, Address]

265. We cruised our 34 foot sailboat from San Francisco to Cabo San Lucas and across to mainland Mexico south to Zihuantanejo and then back up to La Paz and the Sea of Cortez. We returned to the U.S. in May 1992, having left in Sept in 1991. We fished only for fun and pleasure of eating fresh fish. Release all but dorado and sierra.

266. We are cruising in Mexico for a year or so on our sailboat on our way to Panama, so this is not really valid for your survey as it is not a "fishing trip." We fish to augment our food supply, not for sport. Although we do enjoy it, great fishing!

267. In the offices of the Capitania De Puerto in Cabo San Lucas, they should buy a copy machine rather than making us go and get copies made everytime we need a permit. This is very unprofessional and annoying.

268. Why are the fishing licenses so expensive? Why does a cruising boat with no fishing gear need to pay for a fishing license? Why must a separate fee be paid for each dingy on board a cruising vessel? I hope to see more restraint in the sport fishing of marlin that are brought to shore just for pictures, then left to rot. There seems to have been improvement in the last 4 years. So many marlin are killed. Maybe they could be tagged & released more often as they are in Costa Rica. It's a shame to see them wasted for human pleasure.

269. I enjoy fishing in Mexico. We release most of our fish. I don't care for people who take freezer to bring home all the fish they catch. Thank you.

270. Have not fished in Mexico for over 6 years.

271. Ban gill nets!

272. Commercial boats with nets are ruining fish populations all over the world. Some parts of the Gulf of California have already been ruined. Please try to prevent further damage. Thank you for caring enough to ask us.

273. I am glad you are working on this project. It is imperative that the number of gamefish killed in the Los Cabos area be reduced before it is too late. Please get some officials of government to witness the results of the daily massacre which can be seen at the sport fishing dock each day at 2 pm. Charge Americans etc \$1000 to kill & keep a marlin. This way they can keep one but the kill rate will reduce to a trickle. People need to know that "meat" is cheaper in a supermercado if that's what they want.

274. We would like to see improvements on Highway 1 to Baja Sur. Mainly road conditions, pot holes and concrete walls are too narrow. We spend a large amount of money at tolls on Highway 1 and have seen very few improvements. Breakdowns on Highway 1 due to poor road conditions have decreased our vacation and fishing time. Currently we spend more money fixing vehicles and trailer's axles than on fishing and fishermen and pangas. This may affect our future travels to Baja if road conditions are not improved.

275. Been fishing in Mexico since 1965. Except for El Nino fishing has been most satisfaction. New rules mandating fish and release most welcome.

276. I most often fish from my skiff at Punta Banda south of Ensenada. I am beginning to fish Estero Bay but have not caught many fish. Shore fishing has not been very positive the past few years.

277. I have been going to Mexico for 25 years. I have only missed one year in 25 years. I was in San Jose Del Cabo with 2 other couples for 2 months from Nov 10 thru Jan 10 and we rented three condos from Baja properties. We all paid 1500 per month in advance and we drove our own cars. And brought our own boat 24' skipjack. When got there we found out everyone else was paying no more than 600 per month. They had told us we would be on the golf course and by the beach. We could hardly see the golf course from the fourth story condo. The condo we had flooded each time it rained. As you know it rained quite often last winter. The Mexican Gov. raised the price of gas nearly double so all in all it was very expensive. So we have all decided we are not going back to Mexico. We can have a vacation in the U.S.A. for way less money. I am a senior citizen retired. I am sure they will not miss what I spend anyhow. The boat with gas and ten in and ten out at Cabo each day. No, we have decided to go elsewhere. We are 42 year residents of Alaska so we have to come a long ways to go to Mexico. P.S. We are all catch and release. This is my answer to your questionnaire.

278. Use both sides of the paper & cut down on paper waste. Fishing license was required for both my boat & my dinghy. This seemed excessive. Fishing has been good. We fish only for food & throw back what is too large or too small. Our costs here, food, clothing, etc. would have been the same with or without fishing, also trip is not completed yet. Pump-out stations were not always available even though laws against pumping overboard were there. Where there were pump out stations they worked excellent! Customs/immigrations/port captains always appear to be at opposite ends of town. Government officials might be more efficient if in one bldg or closer together. Officials have been very helpful over all & easy to work with. Overall we enjoy ourselves very much here & are enjoying the people & country.

279. Launching conditions, facilities in Mexico (especially Cabo San Lucas) on the Baja are ridiculous. It appears that you are trying to make it impossible for small boat owners to use the harbors. I was much disappointed in my trip to Baja this year. If they want more tourism the roads will not allow it. It is a disgrace to Mexico to see the roads in their present condition.

280. Will be returning to Mexico in the spring.

281. There is no place I'd rather be than Baja Calif. whether it's fishing, hunting or whatever. Other than a few problems in the larger cities, it's all been a wonderful experience. Please continue to keep adequate limits on all aquatic species. I'd love to take my grandchildren someday.

282. We trailer a boat to Shelter Island in San Diego and sometimes fish the Coronado Islands. We do not cross the border and physically go into Mexico.

283. Excessive toll charges--\$25, 125 miles, van and boat. Several fish caught with deep open cuts from gill nets. Rapid increase in license and permit fees. Would have fished more, weather bad. Thank you for your concern!

284. I would like Japanese long lines and any other vessels of that kind to continue to be banned from fishing in Mexico. I would also like the fishing limits to be raised for tuna and dorado when sportfishing.

285. We fish occasionally near Coronado Is. for ocean whitefish for consumption in our home. We freeze some and only fish again when we run out. We do not sell or give away. My wife and I think licenses are expensive for the amount of incidental fishing that we do. But we understand. Living in San Diego, we do go to Mexico by car or our boat for other leisure activities at other times--and spend money--but we do not fish. When we fish, we fish to catch whitefish to eat while enjoying recreation from and in our boat. Hope this helps!!

286. We are cruising yachter (sail) enjoying Mexican waters (6 months) while passing through on way to Costa Rica, Panama and Caribbean. We fished while underway--for dinner only. The fishing license fees for boat and all persons on board even if they are not fishing sums up the total cost. It would be nice if a special (lower cost) license was available for cruising sailors who are only fishing for food rather than the "sport".

287. We are a cruising sailboat. Fishing mainly for food rather than sport so we fish only occasionally while in Mexico.

288. We very much enjoy the people, the country, the fishing & everything else about Mulege & the area around Mulege.

289. This was our first trip to Loreto, Puerto Escondido. Unfortunately the high winds kept us from the islands. Puerto Escondido was a trip saver!! The people we met in Loreto were very hospitable and we had a great time although we did not catch the yellowtail. We will be planning another trip this fall. I believe the charge \$10 to use the launch ramp at Puerto Santo Tomas is excessive. If it were for the period of stay OK. About \$10 for each launch is too much.

290. Map did not include waters that we fished.

291. I am not interested in fishing. I must have fishing equipment in the yacht's survival package which forces me to buy the expensive Mexican fishing licenses. I am not happy about it & have only fished because had a license.

292. Bravo, please clean up the hunting problems too. I miss it. Thank you.

293. I own a self built trimaran which we cruised to Baja (myself and a male friend). My wife and son flew to Cabo San Lucas and stayed for 3 weeks. Most of my fishing is trolling while sailing.

294. We were sailing from San Diego south. Only dragged a line and lure--caught no fish. Only wanted some fresh meat. I paid \$75 for a license for boat and myself and two crew members. It was not a fishing trip and only \$60 a license to protect myself from your laws. Thus we dragged a line. Had I not heard stories of yachts being fined for having a fishing line in a life raft I would not have bought a license and would not have fished. I have little to no interest in fishing. As a result I resent having to buy a license for the boat, myself and two crew members. If you want tourists in your country this is not the way to treat them. What fish I ate I bought at your markets.

295. - Moorage/anchoring expensive/poor in Cabo  
- Poor facilities West Coast of Baja, especially diesel service in Turtle Bay  
- Poor fuel facilities in Cabo  
- Poor immigration/port captain services  
- No telephone service in Cabo  
- Expensive fishing licenses--fish equals \$10/pound

296. All officials we have dealt with have been very helpful and polite.

297. I would not drive down in mainland Mexico again because of the following reasons: 1) being cheated on most Pemex purchases, 2) exorbitant toll fees, 3) horrible road conditions (unusual wet winter).

298. This return is confidential?

299. This is essentially a sailing trip--We fish occasionally hoping to catch just enough to eat. When we return to Puerto Vallarta to resume our trip, we will fish in the areas 9,10,11,12 & 13. Just for fresh fish or mariscos to eat & supplement our stores on board.

300. Yes! Objected to fact that yacht and all aboard 4 people had to buy fishing license when we planned to do only a little snorkling & possibly scuba with spear (Hawaiian sling). Planned no serious fishing actually, debated even taking any gear along since only 1 of 4 people fished! If I had it to do over again, I would not buy fishing license & recommended to other sailors it isn't worth taking along gear for few fish picked up while cruising.

301. I am a fresh water fisherman. I do not fish for salt water species of fish. I go to Mexico to fish the inland lakes for black bass. I also applaud your efforts to control the flow of stolen vehicles into Mexico.

302. A lot of work needs to be done in maintaining clean well kept facilities.

303. Fishing experiences very successful. Our grown children have been included even though they now have their own homes.

304. We are currently cruising Mexican waters in our sailboat and usually only drag a line when we move from anchorage to anchorage. We are not dedicated fisherman and usually don't fish at all. The dorado was very good. We hope to catch more. We were in Mexican waters from Dec 1990 to Apr 1991 and returned 12-1991 for 18-24 months.

305. Would like to be able to dig a mess of clams.

306. I think Baja is the best place to fish and camp. Thank you!! If I can help more call me.

307. We have in the past fished for bonito. The Coronados are my usual destination & there isn't a lot of game fish for scuba divers other than the windward side of North Island.

308. I love fishing in Mexico. I have noticed a decline the number & size of fish I catch in Mexico, especially in the higher altitudes, i.e.. Bay of L.A. Loreto is still good as is Magdalena Bay. I hope the goverment of Mexico can keep the commercial fishing industry away from the Gulf area so fishing can remain good in years to come.

309. Much information requested is not relevant to a fishing questionnaire. Some rules regarding fishing are of questionable purpose, i.e. the taking of empty shells (sea shells) when millions are stacked on the beach rotting in the sun. Perhaps gringos should be able to take at least 1 grouper and 1 lobster per day if eaten that day. Other than the over harvesting of fish at the bottom of the food chain by the people of Mexico and others, I love Mexico & its people very much. Thanks for allowing me & my wife to be a guest in your country!

310. We had a great time in Mexico, but I feel the Mexican rules of charging fishing license fees for my tender were unfair. My tender was inflatable, used only for getting back and forth to shore.

311. We believe the improvement of the roads in Mexico is very good. Sportsfishing could be real profitable in Mexico from the Americans if even a part of the lakes could be curtailed from the gill net commercial fisherman.

312. Hope this helps preserve the wonderful resource. Hopefully not to much exploitation. Please don't kill the golden goose. Thank you.

313. It has been 3-5 years since we have fished in Mexico. We have only fished at the Coronado Islands.

314. You need public boat ramp in Ensenada that will accommodate boats to 28' at any tide. Suggested spot for ramp El Sauzal behind fish cannery breakwater. Stop gill netting especially in sportfishing areas such as San Martin Island. Government trailer park on the San Quintin Bay similar to Trapui in Escondido. Encourage release of marlin (striped). I saw as many as fifty marlin a day killed and on the ramp at Cabo this year in Feb. Mexico's great, so are its people. The fishing is fantastic, don't screw it up.

315. We always enjoy our trips to Mexico--by private boat and by air travel, and your hotels--even though we aren't very good at fishing.

316. Fishing in Mexico is such a delight--especially in Baja. With our trailer set up--we could use the fish freezing facilities. Thanks, your interest is appreciated.

317. Too much netting in your freshwater lakes. You are ruining tourist trade because of it.

318. The price of my boat license and fishing license went up a lot for the half dozen times I go to Coronado Islands.!

319. Best fishing in the world. Get rid of long liners! Charge non-residents for fishing license only. If fish was brought in for weigh-in (\$20.00 per inch?), this would encourage release of fish.

320. All fish we brought back were consumed as food, none was wasted. Midriff area #13 the fishing has slowed down, possibly over fishing. Fish counts have been on a declining trend.

321. Too much gill netting on the lakes which ends up killing the fish population in the lake (example--Obregon, Novillo, Baccarat used to be very good).

322. You assume that if people get a fishing permit it is because they are going to fish in Mexican waters. Often that is not the case--people get fishing permits so that they won't be subject to fines and boat seizure should they be stopped in Mexican waters while they have fishing gear on their boats. I got a permit because I was taking some children down to see the seals on the Mexican Islands.

323. We are happy to see the Mexican government keep the commercial fishing away from the tourist sportfishing areas.

324. All very good.

325. Fishing Mexico is becoming prohibitively expensive. Management efforts seem to positively affect fishing. I love to fish Mexico. I hope the fishery is maintained for my children, and my children's children. Install shark regulations. Elimination of longliners was a good decision! Look at New Zealand--striped marlin are almost all gone.

326. Fish Lake Novillo for bass and crappie. Two trips are planned per year. April and November.

327. Si, no hay muchas lugares para comprar gasolina para los barcos. Si hubiera; compremos mas y vamos a pescar mas en los partes cerca de Baja Sur. Si hay lugares, ustedes tienen que dar la gente (despues compramos las licencias para el bargo-registracion) una mapa la que tiene los lugares de gasolina de limpiar la pesca y servicios para reparan y servicios medicos. Pero ahora pensamos "lo que ellos quieren--solamente nuestro dinero." Gracias para su enteres en este caso señor. Tenga buen dia! Vivía aqui para 36 anos--toda mi vida y quiero decirles a ustedes que en Tijuana, en Ensenada y en todos los partes de Baja Ca. Es mejor! La policia, los servicios y la gente (especialmente la que de las trendas--los duenos). Un algo lo que no me gusta--es los "barachos". Deben que arrestarlos--Americanos que toman mucho. Ellos no tienen respecto para uds o para nosotros.

328. The questionnaire only asks about the most recent trip to Mexico. We make travel trips into Mexico by car, staying in hotels, eating in Mexican restaurants, buying Mexican fuel, food and other related items. These trips are for leisure and sometimes we fish. We enjoy traveling and staying in Mexico.

329. I fish at Pesada Luis Patillo outside of Culiacan. Probably the best bass lake in the world two years ago. Because of the 100's of nets in the lake now and the commercial fishermen, overfishing has caused the fish population to decline severely. The commercials pay no license, pay no fees at all and take hundreds of kilos per day!

330. Please keep the foreign long lines & gill netters out of the Mexican waters, and encourage "catch and release" programs. The Sea of Cortez is a paradise--don't ruin it.

331. We usually fish for fresh water bass on inland lakes. Since they started netting the lakes the amount of bass has dropped very quickly & at this time it is generally very poor fishing most of the time. We used to make 3 or 4 trips a year but since fishing has become so very difficult, we only go once a year or every other year. I would hope Mexico can get more control on their netters & better enforcement in the limits of the fishermen from the states. Mexico is a very enjoyable place to visit, hopefully the bass fishing will come back. Thank you.

332. I have a trailer in Rancho Semenlito--spend several winter months there each winter, fall and spring. Spend an average of \$3-4,000 (American) each year in Baja--drive most trips--Loreto area gets much of my business. Most of my fishing is done for my own boat in the Loreto/Puerto Escondido (area #11) all hook and line--do release or give any extra catch to local people. Thank you for the privilege of sharing your beautiful Baja.

333. It seems that I recall many old fish being taken, some at least 80-100 years old. It would be critical to insure the safety of at least some of these "ancient" fish for future generations!!

334. Please ban gillnets and unregulated commercial fishing. I catch more fish in local off shore waters (So. CA) than Mexico.

335. We have always has a great time in Mexico and all your people are very hospitable and ready to help. Don't let the Japanese ruin the fishing industry. Keep on supporting tag & release fishing as the Mexican sports boats are now doing this. Support or subsidize air flights from Tijuana to Cabo.

336. Fishing was only a small part of our 6 month trip to Mexico and we didn't catch a lot of fish, but it was a very important part of the trip still. We spent most of our time in the Baja. We were only on the mainland for 2 weeks. The Mexican people, particularly the local fishermen, were wonderful!! They helped make the trip a truly wonderful experience.

337. Encourage catch and release programs. Discourage commercial Japanese trawlers. Establish dependable gasoline supplies. All prices should be in pesos. The Mexican government loses income when payment is made in dollars. If I fly to Cabo San Lucas hotel, restaurants and pangeros should be made to accept pesos, deposited in Mexican financial institutions. If they are allowed to accept dollars they can transfer directly to American banks.

338. I enjoy fishing in Mexico. Last year I did not travel any further than Punta Banda. Other years we have flown into Loreto and Las Arenas, Magdalena and places like that. I like to fish for food but do believe in catch and release.

339. Quit the "bite" of Mexico, your real estate and tourism would boom. Here in San Diego it's the rip-off locals and government, so I go to Mexico to get away and get the same s---. I'm sick of it. I got back from Mexico today (9-22-91) and had a cop rip-off \$100 from the hill down from TJ to border. F--- that s---! Have a clue! Don't let your country become a socialistic rip-off like the U.S. I'm trying to become an Australian citizen or move to Mexico with my wife and three kids, but when I get ripped-off of hard earned money I say f--- Mexico!!!!

340. Please keep Mexican waters affordable for anglers like me. I only use these waters 3-5 times per year.

341. I understand and totally agree with catch and release for all gillfish and endangered species. But I think the new limits on how many fish can be kept on an extended stay in Mexico are too severe. If I was in Mexico for a 10 day stay I would fish at least 6 days, but the new combined limit is 10 fish, 3 day limit. In effect I have to stop fishing after 3 days assuming I have a combined catch of 30 fish. I will not pay to go fishing if I have to release everything I catch. This makes no sense as the local Mexican boats would lose my business. I do believe in daily limits on dorado, roosterfish, tuna, etc. but why a 3 day limit? It limits everybody.

342. Please keep prices down!

343. I think this is a great idea asking us gringos about fishing in Mexico. I think the two dorado per day should be increased to three or four, the other limits are good. It may insure good fishing for my sons and their sons. I think there should be lower air fares to Loreto and other areas. It would really stimulate the economy down there.

344. Good trip.

345. I have a house in Mazatlan and I must haul my boat and pickup back to the states every six months for new papers. I would think if you lived in Mexico for six months or more, you could renew by mail for a fee.

346. Yes, it is a problem getting to find a place to buy your Mexican fishing license. Not enough places sell them, and also boat permits.

347. We enjoy our sportfishing trips out of San Felipe and Ensenada. We often launch a small boat out of San Felipe. I just wish they would control the amount of fish taken out by the commercial fishermen. Most of us take out so little compared to how they have destroyed the fishery. (I'm mainly talking about the Japanese.) Pretty soon there will be nothing left!!!

348. Between La Paz and Bahia de LA, gas is hard to get. For a boat using 1.5 M.P.G. with a 140 gal. tank you can see the problem. Keep out the Japanese fishing boats.

349. We have a condominium in Cabo San Lucas at Marina Sol and have had it for five years. I also have a boat docked at the new marina at Cabo. We go down whenever we have a chance and take our family or friends with us to fish.

350. Thank you for your trying to control the commercial illegal fishing. I wish you good luck!

351. Fresh or salt water fishing--we always have a good experience.

352. Yeah, you don't need to know how much money I have!

353. Fishing in Mexico has always been enjoyable over the last nine years. We, like many others, have seen a substantial decrease in the amount of fish in the Sea of Cortez. We feel that the quotas imposed on various types of fish is a good step in the right direction. However, we also feel that there need to be restrictions imposed on both the Mexican ejido fishermen and large Mexican commercial fishing companies. This in order that we will all be fishing ten, twenty, or even fifty years from now. We feel that others--such as the Japanese--should not be allowed to fish these waters commercially at all. We miss the hand line fishermen and feel that they as individuals have not really benefitted all that much by fishing with nets.

354. You need to crack down on greedy Americans with 80 qt ice chests, freezing, and bringing back much more than they can possibly consume before freezer spoilage. The old practice of a photo with a sailfish, marlin, etc. and then the all too frequent ride to the dump. Photo on the boat should suffice--then tag and release. Educate the Mexican people that they are doing themselves no favors by netting every cove in Bahia de la Concepcion and taking everything (4 inches to 12 inches). There will come a day when there is no more. Drift nets must be stopped. I know major improvements have been made. Also the long-range fleet from San Diego is really nothing more than a commercial tuna boat. One dorado a day from Mulege is all I'll ever bring back to camp.

355. My wife and I live part time on our 56' power boat. We enjoy our long range trips to Mexico. We plan future trips to Acapulco.

356. Licenses are too expensive!

357. There seems to be a lot of confusion on laws and fish limits. U.S. Fish and Game doesn't know laws for Mexico fishing.

358. I wish that there was an 800 number hotline to tell what kind of fish and where they are biting, on what kind of bait, and what kind of tackle was used.

359. The five week trip which I drove to Cabo San Lucas from Feb. 25 to Mar. 28 1991 was expensive, even with my own boat and camper. Roads were rough with few tire shops with tires--as I had 15 flats on the boat trailer. Gas shockingly high priced which exceeded American gas prices but not quality! Food was also expensive. As the whole trip for my girlfriend and myself cost \$5000 US dollars. I will comment that this is my first trip into Mexico fishing, in which I have made many, that I didn't have to pay police \$100 in T.J. to get out of Mexico!! There are very corrupted cops before the border!!

360. Coronado Islands need more lights or markings for boaters traveling through area at night.

361. 1) There should be U.S. quality public boat launching ramps at the major ports in Baja. Cost of the ramps should be recouped from launching fees. 2) The harbor in Cabo is set up to handle large private yachts, the commercial sportfishing fleet, and tourist/sightseeing boats. The major ramp is out-of-service and the single lane ramp is inadequate and there are no public docks to tie up to once you have launched. All equipment must be aboard the boat before launching.

362. I was very distressed about the fact that Mexican individuals that travel to the United States are free to take lobster, abalone, and other shellfish with an appropriate fishing license, but Americans who travel to Baja Mexico can not take lobster, abalone, or certain excellent tasting fish--legally and furthermore have been banned from using scuba tanks while spear fishing. These recent laws that have been put into affect make traveling to Mexico much less desirable to the scuba diver and encourage illegal taking of ocean game. Scuba divers are not responsible for Baja's rapid decline in game fish. Lighten up! Scuba diving tourists are starting to look for more bountiful seas.

363. No, except that I've been coming down to Baja for the past eight years and I have never been disappointed. Thank you Mexico!

364. Roads are too rough and too narrow. We will never return past Rosarito Beach. RV camping places are OK but you need more full hookups.

365. I'm in a 4 way partnership on a mobile home, panga and van in Tripui (mobilehome park) at Puerto Escondido south of Loreto, B.C. I have fished extensively at Punta Colorada and Cabo San Lucas but not in the last 12 months. I love fishing in Mexico and I'm glad the longliners have been banned. Fishing has picked up since then. I caught 3 sailfish last year in Loreto--and released them.

366. You are discouraging marlin tournaments at Cabo San Lucas by imposing a 15% tax on the winnings. We give a minimum 10% total earnings to charity in Mexico. The money spent by boat owners and tournament fishermen will bring you more money than taxing winnings! The fish limits should be: one marlin per day for each angler and each species, five fish other species per day per angler, three day limit in possession for extended trips. You should provide fuel docks each 300 miles from San Diego to Cabo San Lucas.

367. Please keep the Japanese out of the Mexican waters--they are destroying the fisheries.

368. I would like to see the dorado limit brought back up to 5 per day. I have nothing but great experiences in Mexico, the people are great.

369. You should sell a daily license to U.S. citizens. Don't limit them to charters only.

370. During the last 10 years the condition of the fishery has declined dramatically. Our last trip was terrible. If this continues much longer, I will sell my boat and not go back for fishing.

371. I believe to keep your (Mexico's) ocean resources from getting endangered there has to be a size limit on those fish near shore, i.e. bass, barracuda, etc. Catch and release would be a good idea. The boats I've been on--everything goes into the sack no matter how small. It's not on American boats but on the chartered or day boats in Mexico. I know that everyone wants to be happy but I'd like to catch that small fish next year when it's grown. I'd like to see a ban on gill netters and longlines in Mexican water. Everyone loses with them. If there is a ban already--great!

372. Thank you for including me in this survey. I enjoy the fishing experiences I've had in Baja, the entire peninsula and the people I've meet down south. I have been fishing Baja for 5 yrs. and I expect I will fish Baja for my entire life. Hoping the fish stocks survive over the years. To insure this I might exclude 100% commercial fishing by other countries in Mexican waters and second increase the number of Mexican fish and game personnel throughout the most popular towns in Baja. I feel enforcement of regulations is the most weakest point in the system. Thank you again.

373. In all my years fishing in Mexico I have never been asked to show my license. Why don't you have more "game wardens" to protect your fisheries?

374. I have seen in the last 20 years the fishing in area 11 go from excellent to poor. I feel the government has to stop the gillnetting and start enforcing the fish and game laws not only to the Mexican commercial and other commercial fisherman but to the American as well, or in the near future there will be no more sportfisherman in this area. I am looking for some place else myself. I love Loreto but the fishing has gotten so poor I am looking elsewhere. I also think you're on the right track. Keep up the work.

375. I visit Mexico several times a year--have for a long weekend. Sometimes two or more weeks vacations. Not much of a fisherman, but haven't had the occasion before I went for a four day trip with friends on their yacht.

376. I go at least twice each year and usually take several members of my family or friends. I started flying to Baja 26 years ago in my private plane and have not missed a year since. I started driving and pulling a boat 8 years ago and plan to spend 6 months a year there starting in about 4 years.

377. The quality and quantity of fishing in Baja has been steadily declining the past ten years and more. The results are fewer trips by me and others. Last year (1990) in Cabo San Lucas my wife and I spent 6 weeks, fished six times and caught one fish in total. A few years before the fishing was good to very good. As I have been fishing in Baja for years, I see only fewer fish in the future.

378. I enclosed story I wrote last year.

379. Good times, precious people.

380. I am sorry that I haven't been much help answering this questionnaire. My husband and I expected to go fishing on our last trip to Baja in October but were unable to. We are looking forward to trying again this year.

381. We have never been fishing in Mexico--I do not fish.

382. We normally trailer a 23' center console boat down to Cabo in June of each year. This year we went to Canada to avoid the eclipse crowd. See you next year in June.

383. It appears that the reef areas we visited are overfished. There were few game fish and the game fish present were small in size.

384. Recent restrictions on U.S.A. fishermen which were concealed or modified would have greatly decreased my participation as well as those in my charter groups. Indiscriminate trawler net fishing in the Gulf areas has greatly depleted sportfishing in that area. The less quality sportfishing opportunity, the fewer tourist dollars.

385. We enjoy Mulege, Loreto and La Paz fishing mainly for dorado.

386. Most relaxing place on the face of the earth. The people are wonderful. We have taken our motorhome to Baja many times and have always had a wonderful time. However the roads could be greatly improved.

387. Mexican airlines has been very erratic in their schedules. It appears that they have no interest in serving the Denver area to Los Cabos. They have canceled flights that I have purchased tickets on and basically lack a consistent service. If things do not change I'll probably sell my property in Mexico and go elsewhere for vacation. Even their ticket agents are unhappy about the service and flights to Los Cabos.

388. The fishing in Baja is great--let's keep it that way. Run out foreign commercial fishermen, put our fish limits at a reasonable amount and cite the type of people that catch and retain dorado by the hundreds.

389. Licensing fees are too expensive (mucho!) for my experiences and the kind and quantity of fish caught.

390. Mexican waters should be fished by Mexico and sportfishing. No foreign interests--no drag netting.

391. We enjoyed the trip very much and we would like to make the trip again. However it is a very long trip from our home in Missouri. Since we have traveled Mexico 1, we will probably wait until the highway is thru south of San Felipe. The local people were very nice and friendly and we did enjoy the scenery, so different from ours.

392. Most of my fishing is done in fresh water lakes, Novillo and Angostura. You must stop the commercial netting of the lakes or that part of tourism will stop. It would be easier to get licenses locally rather than at San Diego. Most fishing is done without one. Mordida is paid instead. I love Mexico and hope to be able to continue the experience.

393. Road condition to L.A. Bay from T.J. was bad in places.

394. Thank you for sending me this questionnaire. I like fishing in Mexican waters and intend to do more fishing in Mexico. I hope this will help preserve the good sportfishing in Mexico.

395. Let's keep coastal waters for sport fishing. Keep the Japs and their nets out. Also try and keep things simple, not so much red tape. Treat the Americans right and don't try and take advantage of us all the time and we will treat you the same way and be happy to come and fish and vacation in your beautiful country.

396. I do love to fish Baja and I hope to have the privilege to continue to do. And will do what is necessary to do my part to help conserve the marine resources of your country. Thank you.

397. Dear Mr. Gomez--First I must say I am sorry I did not return this to you sooner. Second, I very much enjoy fishing in Baja and would hate to see it change. I will be going again this March for three weeks. Third--In dealing with the Mexican Dept. of Fisheries your people have been very polite and easy to deal with. Keep up the good work.

398. We had a great time. Too bad the roads could not be improved--made wider or even 2 lane like the freeway from TJ to Ensenada. Otherwise: would not change a thing.

399. Our group trailered boats to Bahia de Los Angeles for many years. We enjoyed the area and fishing was great. Approximately 5 years ago the yellowtail fishing became almost nonexistent. This is a shame! We now go to Cabo San Lucas for shorter period. The rumor I heard was that Japanese fishermen were gillnetting yellowtail south of La Guardia.

400. Each year we purchase 2 annual fishing licenses and each year the rate goes up considerably (particularly the last 4). Many people buy no license at all--won't this encourage more people to fish without a license?

401. One of the most important problems facing the area of Los Cabos along with environment and ecology is crime. When you return from fishing and find your motorhome-trailer-camper-home robbed and trashed you don't have second thoughts about returning. The Los Cabos area does not require more police issuing parking tickets--it needs more efficient criminal law enforcement and prosecution. Let's increase the great fishing experiences by decreasing theft and vandalism. Very thorough excellent questionnaire.

402. Commercial fishing will ruin your future tourist industry.

403. Please protect the Mexican fishing industry. Allowing foreign governments to take large number of fish from the Gulf of California is a mistake. It will destroy not only the fishing industry but also the tourist industry. Please preserve part of what makes country great.

404. I was sent a duplicate questionnaire #M0227. I did not fill out.

405. It was a wonderful trip!

406. Any info on fishing such as best time for various type of fish would be appreciated.

407. Yes there are too many gillnet and shell fishing with tanks in our area--which is supposed to be a sportfishing area. And if this continues there will soon be no sea life left or it will take years for it to come back to life. These are Mexicans with gillnets and tanks that I am speaking of. And I know it is their country and they have to make a living but they take all sizes of everything and this is the main reason lots of Americans come down south. But if they can't catch a fish now and then. I hope my answers can help some and am sorry I am late getting the survey filled out but the first one came while we were here in the fall and I didn't get it until we went home in Jan.

408. I am a novice fisherman. My interest in fishing is catching enough for one meal at a time.

409. Good luck keeping gillnetters out of Mexican waters.

410. Money spent in Mexico very well spent. Most enjoyable trips, lots of fun. Very good fishing. Thank you for selecting my family for this questionnaire.

411. I fish Mexico at least 5 times a year from San Quintin to Cabo with my wife and my friends, which also have their own trailered boat. We spend a fair amount of money in Mexico a year for permits, gas, lodging, food, etc. We feel we are getting a lot less for our money in the past 6 months. Less fish, toll road cost more, gas has gone out of sight, road conditions are poor. Now you have let the seiners and large net boats continue to devastate fishing in the Sea of Cortez. Too many longliners and net boats will devastate fishing in Mexico in a short time. Fishing with hook and line will never put a dent in the fish population. You give the commercial fisherman the green light to over fish while you penalize the sports fisherman. It is not a fair balance.

412. We see local fishermen using gillnets along shorelines, virtually wiping out good fishing. We try to associate with Mexican people to learn their ways and further our language. In the years since 1976 going one or two times a year, we have experienced almost only good things with the people. They have been wonderful, helpful, 99.9% courteous, making U.S. people look pretty bad.

413. I enjoyed my trip to Baja so much. I am sorry to see so much building of resorts going along the beaches of San Jose Del Cabo and Cabo San Lucas. I realize that this provides much needed jobs for the Mexican people but it is so sad that the natural beauty is being spoiled by people and buildings which in turn creates pollution and waste. It's too bad that the Mexican people litter their own environment so much. I realize they are poor but I believe it is a lack of education on the value of their environment. One other thing bothers me and I don't know the solution. The fact that livestock, horses and donkeys are not fenced in and kept off the highway is very distressing to me. So many cattle and horses are killed from being hit by cars. I know this cost human lives too. I don't mean to complain about your country. we all know how many problems we face in the United States--crime, corruption in the government, litter and toxic waste, drug abuse by so many youth and gangs. I loved my trip to Baja and hope to return again. I've never seen so much nature and I hate to see it spoiled!

414. Very extensive questionnaire.

415. I hope that you would up the dorado count to at least four. It's a long drive to just be allowed to take two dorado a day. Thank you.

416. Appreciate the opportunity to write you. We are planning on fishing again at Bahia de Palmas next June or at San Carlos. In 1986-87 we stayed at Bay of Palms (Palmas De Cortez) 7 1/2 months. However if you do not stop the netting and long lining in Mexico, you can forget having fishermen spend their money to fish in your country.

417. We were stopped by the local Dept. of Fisheries officer in Bahia Concepcion for a check on our papers and fish (all in order). All the man had to identify him as an official was a piece of paper which he waved at us while he ran across our bow. These men need to appear more "official" if they are to enforce your new laws. He had a hell of a time getting people to stop for him.

418. Mainly we are scuba divers interested in photography and underwater conservation. Thanks.

419. Please stop Japanese longline fishing. Control coastal pollution.

420. It would be helpful if Mexico highway #1 could be kept in better repair and made a safer road to drive.

421. Fishing was great in Loreto. Fishing was very good in San Lucas but it's starting to look like Disneyland. We won't go back to Cabo San Lucas but we will go back to Mulege and Loreto to fish and relax.

422. The Sea of Cortez fish population has been hurt by the Japanese under the authority of the Mexican govt. The Mexican govt. should regulate the Mexican fishermen who take anything and everything without regard for the future. The sea cucumbers have been completely depleted in Bahia de Los Angeles like the totuava in San Felipe.

423. We enjoy Baja very much. We feel that the biggest threat to the Baja fisheries is the large scale foreign fishing that is done in Baja's waters. We have witnessed Japanese "squid" fishing boats and they haul up much more than squid. This wholesale slaughter must stop. Don't penalize the true sport fishermen such as us, who fish within the guidelines.

424. We're very concerned about the tremendous quantities of fish that are being commercially taken from the Sea of Cortez by long lines, gill nets and seiners. Some areas have been completely fished out and will not recover for 20-30 years. The Sea of Cortez along the Baja coast is in danger of being fished out unless the Mexican government becomes aggressive in stressing conservation to both visiting sportfishermen as well as local fishermen. Thank you for the opportunity to express our views.

425. Don't issue anymore Asian commercial fishing permits for the Sea of Cortez or Pacific coast of Baja. Teach conservation to Mexican commercial fishermen, including clam and abalone divers, panga handliners, gillnetters and the shrimp fleet (release all small fish and shellfish!). We take at least one trip to Baja every year.

426. I am pleased with the officials in Mexico taking a more serious interest in fishing and the environment in Baja. It is a magnificent country and I hope it will always remain so.

427. Fun, exciting, friendly people, beautiful, relaxing, unspoiled, good fishing.

428. It is encouraging to see your government working to protect your fishery. As a sportfisherman that generally fishes within 1 to 2 days of San Diego, I would like to see your bag limits on certain migratory fish increased to correspond to California limits. For the most of us on private boats, the fuel cost is very high to catch five tuna and then go home. I want to abide by your rules but I believe this limit could be increased without damaging the resource. I would like to see both of our governments restrict long liners, gillnets, open ocean driftnets and seiners, any one of which on any week will catch more than the entire San Diego sport fleet catches all year. Please strive to restrict commercial fishing before it's too late.

429. I wish the fishing experience would be consistent throughout Baja in regards to permits and regulations. Example--port captains permit required only at some places--price varies. Launching fees recently put into effect on the old ramp that has been free for years--why not an annual permit like the states for a discounted price? Guided people and freelance should be subject to the same regulations. If ramp fees are to be charged such as at Puerto Escondido, then services such as road maintenance, parking control and dock facilities for boarding should be provided. The ramp has been in place 8-10 years or more--no charges and now a fee. We don't mind paying but for those people like us who spend a lot of the year in Baja there should be a discounted annual or 6 month permit. The new possession limits are good and are quite adequate. Good work! Stop the turtle nets!!!

430. We have fished Mexico for many years and used to catch many fish and over the years the number of fish caught has decreased substantially (drastically). This is being caused by shrimp boats towing nets with wooden scoops. These scoops bring up all the shellfish and small fish from the bottom. This marine life is killed on the deck of the shrimp boats and dumped back into the bottom after the shrimp have been removed. This is killing all your fish life in the Gulf of Cortez. Many gill nets are being used by pangeros along Baja shorelines in front of resort hotels and good fishing areas. Like California U.S.A. this has reduced fish life and has been stopped. Mexico must do the same thing. By allowing more tourists to fish Mexico they spend much more money than pangeros selling their catch. Encouraging tourists to leave their boats in Mexico year round in either slips or dry storage will employ many more Mexicans as boat repairs and maintenance and guides.

431. The "15% federal tax" which applied to car rental and other items such as boat charter was never mentioned at the time arrangements were made. This type of "surprise" taxation has made fishing in Baja California less desirable.

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